



TRIAX

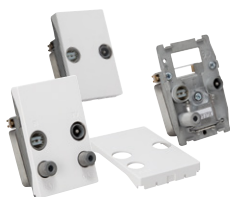
connecting the future



TRIAX® Outlets, Taps & Splitters

Innovative, reliable, easy mounting

Making connectivity easy



[triax.com](https://www.triax.com)



TRIAX



Reliability is our business. It's what we stand for.

For nearly 70 years, TRIAX has strived to be your preferred partner for all your connectivity needs. We're proud to provide reliable solutions for the present, while connecting our customers to the future.

At the forefront of technological trends and developments, we're with you each step of the way, from installing home connections and business critical hospitality solutions, to realising complex, large scale integrations.

Ready for any job at hand, our products are available individually or as part of tailor-made

solutions. From aerials and dishes, to headends, outlets, cables and beyond – we make connectivity easy, ensuring you live up to your own customer promises.

Rest assured that at TRIAX, reliability and innovation run through the core of everything we do, from product development to our friendly, efficient service and support.

So enjoy browsing through this catalogue for an overview of our full product range. And of course, we're always just a phone call away for more inspiration towards your next solution.

Contact TRIAX

To place an order or consult one of our experts, contact us via:

Phone: +45 76 82 22 00

e-mail: triax@triax.com

Or pay us a visit online at www.triax.com, where you'll find a wealth of further material about our products and solutions.

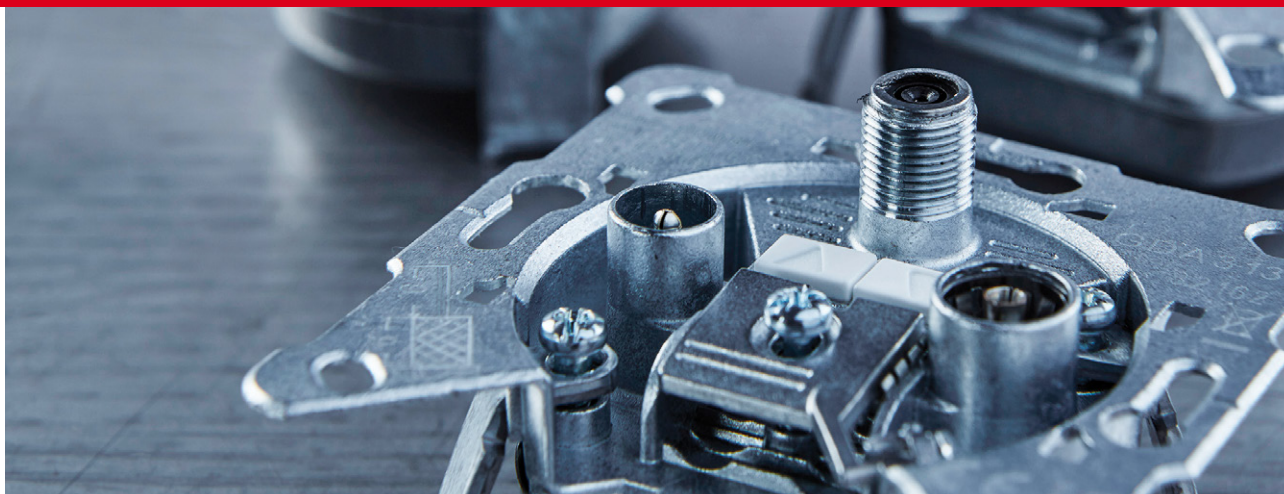
TRIAX® Outlets, Taps & Splitters

making connectivity easy

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TRIAX antenna wall outlets

reliable, innovative and easy to mount



The advantages of TRIAX antenna outlet sockets:

- quick and easy mounting
- superb electrical performance
- reliable and durable

Antenna outlet sockets are used to connect subscriber terminal equipment such as TV receivers, FM radios, SAT receivers or cable modems to the cable TV network or the house antenna system.

In view of their versatility, TRIAX recommends universal antenna outlets for installation in general residential buildings. If the future application is limited to only one type of network operation such as direct satellite reception or cable TV with Internet access, specially designed satellite or wide-band socket boxes are the alternative.

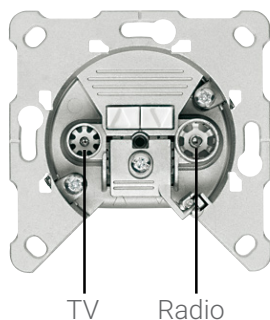
The connectors are designed as IEC connectors or F-connectors. The number and combination of the connectors of an outlet type depends on the subscriber terminal equipment that is common for the respective type of network. However, it is also influenced by specific national and operator requirements resulting in an increased variety of socket types.

The stable diecast frame of TRIAX sockets has been optimised for installation in round, size-55 flush-mounted socket boxes. The AR 20 frame accessory as an alternative allows surface mounting. The AD 23 cover accessory is available for 2- or 3-hole socket boxes. The retaining ring form of the socket inserts has been agreed with renowned switch manufacturers, so that decorative covers from their corresponding designer ranges can also be used.

Socket types

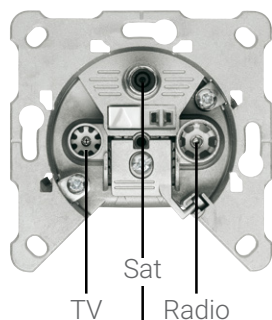
Double antenna outlet sockets

Universal sockets suitable for satellite, terrestrial and broadband cable/CATV



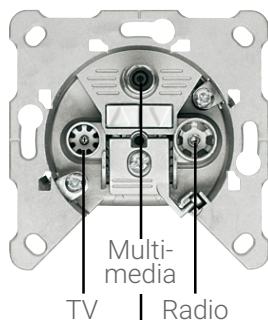
Triple antenna outlet sockets – sat

For individual satellite and SMATV installations.



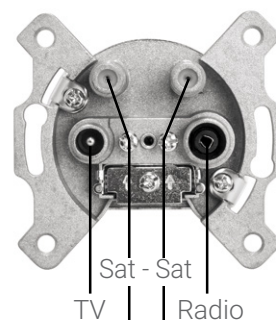
Triple antenna outlet sockets – multimedia

For individual multimedia and SMATV installations.



Quatro antenna outlet sockets

For use in some multiswitch installations (star or tree)



Take only the best

mechanical advantages and assortment overview

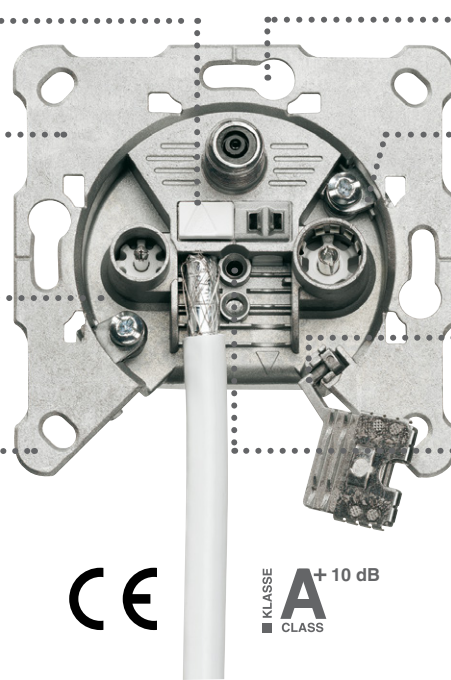
Hassle-free installation on all outlets

Push-lock terminal
Rapid mounting. Firmly secured.
Released at the press of a button.

New retaining ring geometry
Universal for renowned ranges of switches. For easy aligning and improved mould closure.

Reduced depth and diameter
Easy to insert into flush-mounted socket box.

Waste edges at frame corners
Well equipped for ranges of round switches
(Can be broken off if necessary).




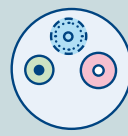
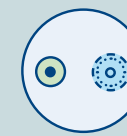
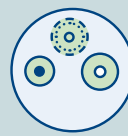

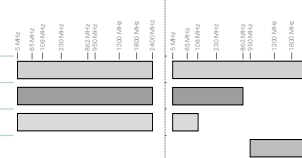
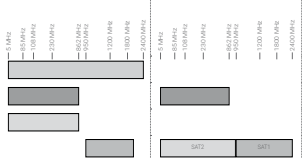
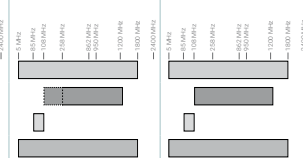

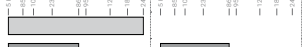








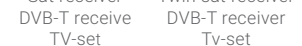

Third keyhole
Improved fixing in hollow-wall flush-mounted socket box.

Novel claw fastening & close-fitting claw form
Trouble-free installation in and removal from flush-mounted socket box, also with cordless screwdriver (PZ 1-bolt).

Lockable hinged clamp
Comfortable in all mounting positions.

Inner conductor terminal in box centre
Facilitates the connection of short cable ends when socket boxes are replaced.

Assortment overview of all TRIAX outlet – inserts in push clamp technology

Application	Universal		SAT / MATV / SMATV			CATV / DOCSIS	
Plug	 					 	
Antenna outlet type	Super wide-band	SAT/CATV combination	SAT-Filter	TWIN Sat	SAT-Filter	CATV Switchable DOCSIS filters	CATV Fix DOCSIS filters
Single type	EDU 04F	EDA 302F	EDS 01	EDS 322 F	FS 302 F	EDM 6 DS	EDM 1 EDM 6
Pass-through type	GEDU 10, 15, 20	GDA 313 F	GDS 08, 11			GDM 10 DS GDM 12 DS GDM 15 DS GDM 19 DS	GDM 10 GDM 12 GDM 15 GDM 19
Frequency range							
In/Out							
Tv							
Radio							
Sat/Data							
Terminal equipment	TV-set FM radio DVB-C/-T receiver	Sat receiver Tv-set FM radio DVB-C/-T receiver	Sat receiver DVB-T receive TV-set	Twin sat receiver DVB-T receiver Tv-set	Sat receiver DVB-T receive Tv-set	Tv-set FM radio Cable modem DVB-C receiver	Tv-set FM radio Cable modem DVB-C receiver

TRIAX CATV Multimedia outlets

your choice for future proof installations



3-port multimedia wall outlets – for DOCSIS operation

We're making it easy to prepare for the network of tomorrow, with our brand new range of 3-port multimedia wall outlets for TV, radio and data.

Our fully updated platform saves you time now and money in the future, bringing you cutting-edge electrical performance alongside our tried and trusted, hassle-free installation solution. Available in single terminated (EDM) and loop through (GDM) models.

Your benefits:

- Superb electrical performance
- High shielding and expanded frequency range
- Quick and easy mounting
- Approved by Vodafone - Kabel Deutschland

As the demand for ever higher bandwidth grows, users expect a high quality, reliable service from their CATV provider. At TRIAX we're proud to have developed an outlet solution that exceeds technical demands while making the installation process a breeze. We're taking the pain out of your network upgrade.

Our expanded frequency range gives you all you need to exploit the blistering data speeds of future DOCSIS 3.1 network upgrades, whilst supporting today's standards. By choosing to upgrade with our fully updated platform, you can expect:

Future proof operation

- Frequency range of 5-1200-1800 MHz for all levels of DOCSIS 3.1 migration – still compatible with standards. (5-65 MHz Data return path, 87.5-108 MHz Radio, 109-862MHz TV)

Unrivalled reliability

- High isolation between Data and TV ports, and low intermodulation, suppress TV signal interference caused by upstream modem traffic.
- Class A+ 10dB screening attenuation protects against ingress and LTE interference.
- IEC-standard contacts for cables and connectors guarantee reliable and long lasting operation.

Clear cost savings

- Low insertion loss, finely graded tap losses: the flattest possible frequency response means less amplifier power in the network.
- Tried and trusted push-lock mechanism: unbeatably fast and efficient installation.

Shielding on outlets, taps and splitters according to EN50083-2-standard

EN 50083-2	Screening attenuation MHz				
MHz	5-30	30-300	300-470	470-950	950-3000
Class B	> 75 dB	> 75 dB	> 75 dB	> 65 dB	> 50 dB
Class A	> 85 dB	> 85 dB	> 80 dB	> 75 dB	> 55 dB
Class A +10dB*	> 95 dB	> 95 dB	> 90 dB	> 85 dB	> 65 dB

* is products that fullfils TRIAX own +10 dB standard

3-Port DOCSIS Switch Multimedia Outlets

flexible for DOCSIS 3.0 and 3.1 operation

DOCSIS Switch Multimedia Wall Outlets - EDM/GDM xx DS

Our new DOCSIS Switch wall outlets are specially developed to operate with the current up to 65 MHz return path standard, as well as for the extension of the return path frequency range in future DOCSIS 3.1 implementation.

The solution:

By using the small "DOCSIS Switch" located behind the outlet's cover plate, the return path filters in the multimedia outlet can be switched between two setups:

Switch in base position

- Upstream 5-65 MHz:
downstream FM, TV starting from 109 MHz
- Upstream 5-85 MHz:
downstream no FM, TV starting from 109 MHz

Switch in "+" position

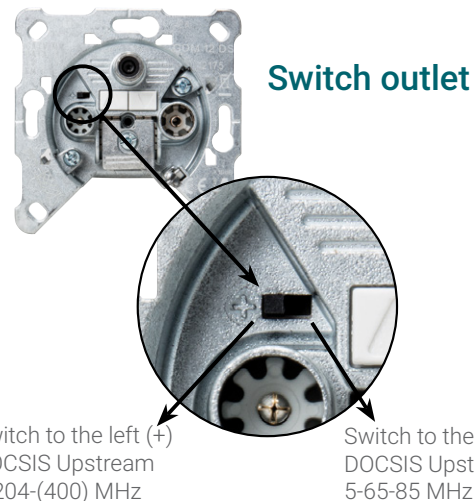
- Upstream 5-204 MHz:
no FM, TV starting from 258 MHz
- Upstream 5-400 MHz:
downstream no FM, TV starting from around 500 MHz

Your benefits:

Save money and maintain a satisfied customer base when network upgrades to different levels of DOCSIS 3.1 take place during the coming years – our outlets won't need to be replaced or have unwelcome filters attached.

Special characteristics:

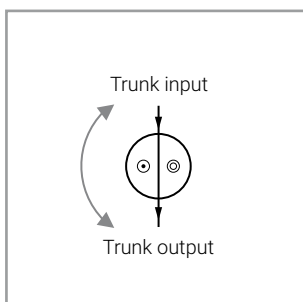
- Return path filter switchable between 65/85 MHz <-> 204 MHz – high isolation between Data and TV ports at all levels of DOCSIS operation levels suppresses TV signal interference caused by upstream modem traffic.
- Frequency range of 5-1200-1800 MHz – ready for all relevant frequency allocations of DOCSIS 2.0, 3.0 and 3.1.
- Enhanced screening attenuation Class A+ 10dB – protects against interference distortions such as ingress and LTE mobile radio.
- Low intermodulation – avoids composite beat distortions within the TV band caused by parallel operation of the cable modem.
- Tried and trusted TRIAX outlet mechanic with push-clamp connectors, Made in Denmark – for unbeatably fast and efficient installation.



Attenuation in outlets

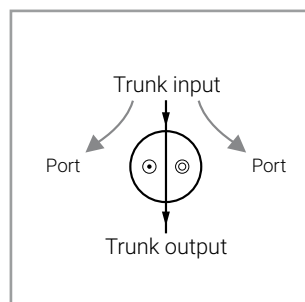
Insertion loss IN-OUT

Attenuation between trunk input and trunk output



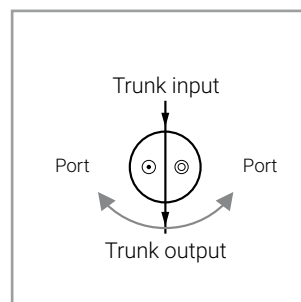
Insertion loss IN-Port

Attenuation between trunk input and port for TV, FM-R, SAT, DATA



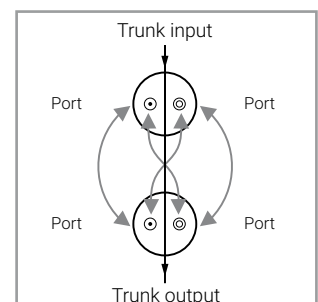
Isolation

Attenuation between ports and trunk output and ports



External isolation

(2 outlet method)
Attenuation between the ports of two antenna outlets



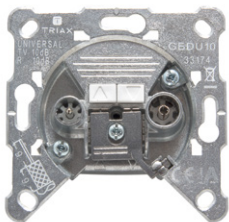
TRIAX® Outlets for CATV applications

with switchable return path filters ready for DOCSIS 2.0/3.0 and 3.1 operation



Make the future possible today

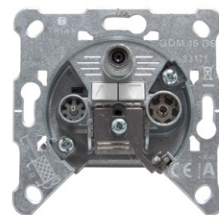
- Return path filter switchable between 65/85 MHz <-> 204 MHz – high isolation between Data and TV ports at all levels of DOCSIS operation levels suppresses TV signal interference caused by upstream modem traffic.
- Frequency range of 5-1200-1800 MHz – ready for all relevant frequency allocations of DOCSIS 2.0, 3.0 and 3.1.
- Enhanced screening attenuation Class A +10dB – protects against interference distortions such as ingress and LTE mobile radio.
- Low intermodulation – avoids composite beat distortions within the TV band caused by parallel operation of the cable modem.



EDM 6 DS, 3-way Multimedia Wall Outlet

Art. No. 306276

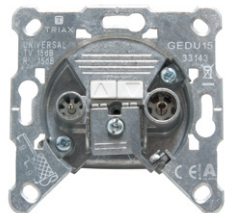
EAN Number
5702663062764



GDM 15 DS, 3-way Multimedia Wall Outlet

Art. No. 306279

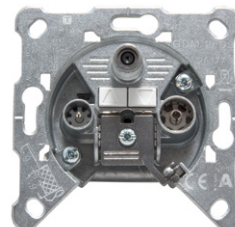
EAN Number
5702663062795



GDM 10 DS, 3-way Multimedia Wall Outlet

Art. No. 306277

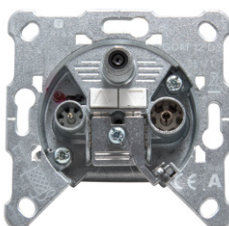
EAN Number
5702663062771



GDM 19 DS, 3-way Multimedia Wall Outlet

Art. No. 306280

EAN Number
5702663062801



GDM 12 DS, 3-way Multimedia Wall Outlet

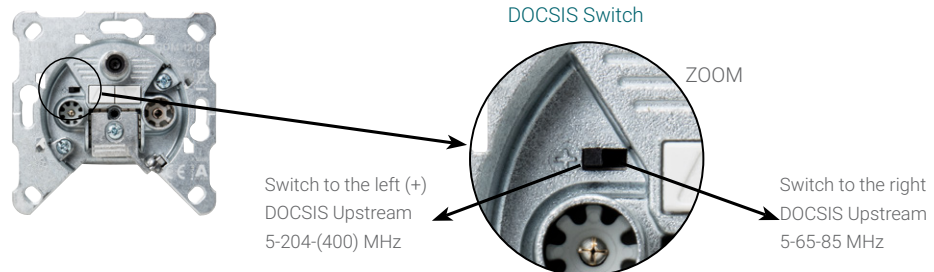
Art. No. 306278

EAN Number
5702663062788



3-port DOCSIS Switch Multimedia Outlets

your access to all current and future services



Type			EDM 6 DS, 3-way Switch Outlet 306276	GDM 10 DS, 3-way Switch Outlet 306277	GDM 12 DS, 3-way Switch Outlet 306278	GDM 15 DS, 3-way Switch Outlet 306279	GDM 19 DS, 3-way Switch Outlet 306280
Outlet Type			Terminated		Loop through		
INSERTION LOSS							
IN > OUT							
5 - 1218 MHz	dB ± 1	-		3,8	2,8	1,6	1,6
1218 - 1794 MHz	dB ± 1.5	-		4,8	3,8	2,6	2,4
IN > DATA							
5 - 1218 MHz	dB ± 1	6	10,2	12,5	15	19	19
1218 - 1794 MHz	dB ± 1	7	11,2	13,5	16	19	19
DOCSIS Switch position							
left on +		right (default)					
IN > TV							
5 - 204 MHz	dB >	5 - 85 MHz	52	52	52	52	52
258 - 1000 MHz	dB ± 1	109 - 1000 MHz	6,5	10,5	12,5	15,5	19,5
1000 - 1218 MHz	dB ± 1	1000 - 1218 MHz	6,5	10,5	12,5	16	20
IN > RF							
not applicable	dB >	5 - 85 MHz	52	52	52	52	52
not applicable	dB ± 1.5	87,5 - 108 MHz	9	13	15,3	19	21,5
ISOLATION							
DATA <> TV							
5 - 204 MHz	dB >	5 - 85 MHz	60	60	60	60	60
204 - 400 MHz	dB >	85 - 400 MHz	35	40	40	45	45
400 - 862 MHz	dB >	400 - 862 MHz	30	30	30	30	30
862 - 1218 MHz	dB >	862 - 1218 MHz	20	20	20	20	20
TV <> R							
not applicable	dB >	109 - 1000 MHz	20	20	20	20	20
OUT > TV							
5 - 204 MHz	dB >	5 - 65 MHz	-	55/60	55/60	55/60	55/60
204 - 862 MHz	dB >	65 - 862 MHz	-	30	22	22	25
862 - 1218 MHz	dB >	862 - 1218 MHz	-	20	20	20	20
OUT - DATA							
5 - 204 MHz	dB >		-	20	30	30	40
204 - 1218 MHz	dB >		-	20	20	19	19
1218 - 1794 MHz	dB >		-	18	12	15	15
RETURN LOSS minimum according to 47 MHz							
IN, OUT	dB >		14-1.5/oct	18-1.5/oct	18-1.5/oct	18-1.5/oct	18-1.5/oct
DATA (F-female)	dB >		18-1.5/oct	18-1.5/oct	18-1.5/oct	18-1.5/oct	18-1.5/oct
TV (IEC-male)	dB >		14-1.5/oct	14-1.5/oct	14-1.5/oct	14-1.5/oct	14-1.5/oct
R (IEC-female)	dB >		10	10	10	10	10
IN, OUT, DATA 1218 - 1794 MHz	dB >		From 1218 MHz linearly decreasing to 8 dB at 1794 MHz				
INTERMODULATION							
all Ports	dB <		15 dBµV in DS @ US two tone 120 dBµV after surge				
ELECTRICAL							
Impedance			75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL							
EMC class	dB >		Class A +10 dB				
STANDARDS OF REFERENCE							
Passive broadband devices for coaxial networks			EN 60728-4				
IEC- connectors			IEC 61169-2				
F - connectors			IEC 61169-24				
CE Conformity EMC-D 2014/30/EU			EN 50083-2, RoHS 2011/65/EU				

3-port DOCSIS Multimedia outlets

with fixed return path filter for DOCSIS 2.0/3.0/3.1 operation



Making connectivity easy

We're making it easy to prepare for the network of tomorrow, with our brand new range of 3-port multimedia wall outlets for TV, radio and data. Our fully updated platform saves you time now and money in the future, bringing you cutting edge electrical performance alongside our tried and trusted, hassle-free installation solution.

Available in single terminated (EDM) and loop through (GDM) models.

Your benefits

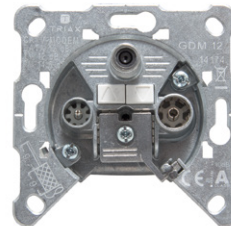
- Special antenna outlet sockets for connecting to cable TV networks (CATV) or common antenna networks (MATV/SMATV) up to 1 GHz.
- Superb electrical performance
- High shielding and expanded frequency range
- Quick and easy mounting
- Approved by Vodafone - Kabel Deutschland



**EDM 1, 3-way
Multimedia Wall Outlet**

Art. No. 306270

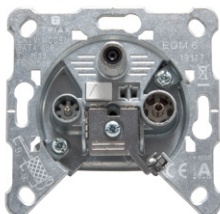
EAN Number
5702663062702



**GDM 12, 3-way
Multimedia Wall Outlet**

Art. No. 306273

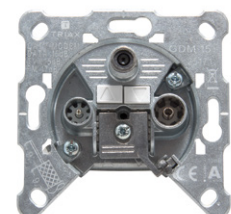
EAN Number
5702663062733



**EDM 6, 3-way
Multimedia Wall Outlet**

Art. No. 306271

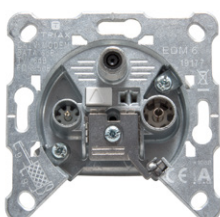
EAN Number
5702663062719



**GDM 15, 3-way
Multimedia Wall Outlet**

Art. No. 306274

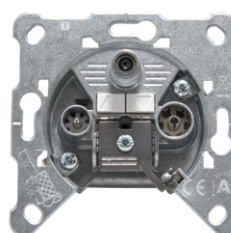
EAN Number
5702663062740



**GDM 10, 3-way
Multimedia Wall Outlet**

Art. No. 306272

EAN Number
5702663062726



**GDM 19, 3-way
Multimedia Wall Outlet**

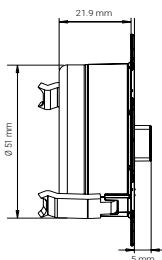
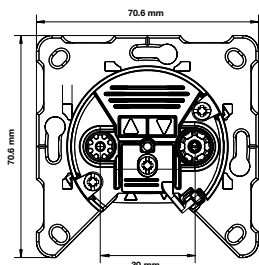
Art. No. 306275

EAN Number
5702663062757

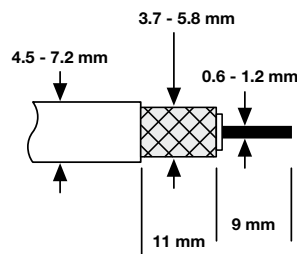
TRIAX® CATV

multimedia – filter outlets

Outlet socket frame



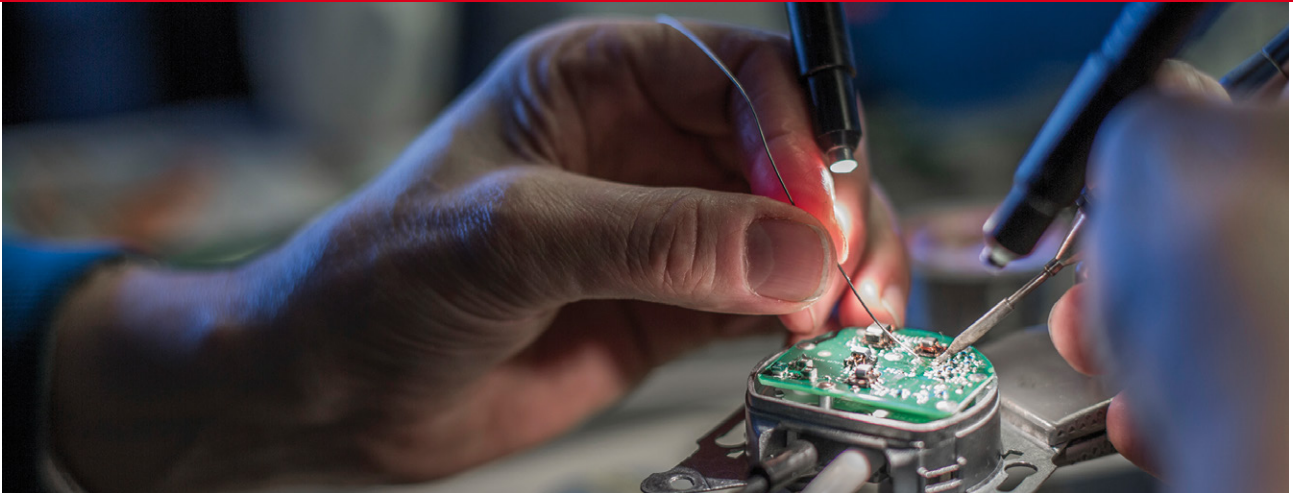
Recommended cable dimensions



Type:	EDM 1	EDM 6	GDM 10	GDM 12	GDM 15	GDM 19
	3-way	3-way	3-way	3-way	3-way	3-way
	Wall Outlet	Wall Outlet	Wall Outlet	Wall Outlet	Wall Outlet	Wall Outlet
Art. no.	306270	306271	306272	306273	306274	306275
CHARACTERISTICS						
Outlet Type	Terminated	Terminated	Loop through	Loop through	Loop through	Loop through
FREQUENCY						
Frequency Range DATA	5..65/ 109..1794MHz	5...1794MHz	5...1794MHz	5...1794MHz	5...1794MHz	5...1794MHz
Frequency Range IN-OUT			5...1794MHz	5...1794MHz	5...1794MHz	5...1794MHz
Frequency Range RF	87.5...108MHz	87.5...108MHz	87.5...108MHz	87.5...108MHz	87.5...108MHz	87.5...108MHz
Frequency Range TV	109...1218MHz	109...1218MHz	109...1218MHz	109...1218MHz	109...1218MHz	109...1218MHz
LOSS						
Through Loss IN-OUT 5...1218 MHz			3.6dB	2.6dB	1.5dB	1.5dB
Through Loss IN-OUT 1000...1218 MHz			3.8dB	2.8dB	1.6dB	1.6dB
Through Loss IN-OUT 1218...1794 MHz			4.8dB	3.8dB	2.6dB	2.4dB
Through Loss IN-DATA 5...65MHz	1.0dB					
Through Loss IN-DATA 109...1218MHz	4.0dB					
Through Loss IN-DATA 5...1218MHz		6.0dB	10.2dB	12.0dB	15.0dB	19.0dB
Through Loss IN-DATA 1218...1794MHz	5.0dB	7.0dB	11.2dB	13.0dB	16.0dB	19.5dB
Through Loss IN-TV 1000...1218 MHz	4.0dB	6.0dB	10.0dB	12.0dB	15.5dB	19.5dB
ISOLATION						
Isolation TV-RF	10.0dB	20.0dB	20.0dB	20.0dB	20.0dB	20.0dB
Isolation DATA/TV/R 5...65MHz	52.0dB	60.0dB	60.0dB	60.0dB	60.0dB	60.0dB
Isolation DATA/TV/R 65...200MHz	20.0dB	36.0dB	40.0dB	40.0dB	45.0dB	45.0dB
Isolation DATA/TV/R 200...862MHz	20.0dB	30.0dB	30.0dB	30.0dB	30.0dB	30.0dB
Isolation DATA/TV/R 862...1218MHz	20.0dB	20.0dB	20.0dB	20.0dB	20.0dB	20.0dB
Isolation OUT/TV/R		30.0dB	30.0dB	30.0dB	30.0dB	30.0dB
Isolation OUT/TV/R 5...65MHz		60.0dB	60.0dB	60.0dB	60.0dB	60.0dB
Isolation OUT/TV/R 65...862MHz		25.0dB	22.0dB	22.0dB	22.0dB	25.0dB
Isolation OUT/TV 862...1218MHz		20.0dB	21.0dB	20.0dB	20.0dB	22.0dB
Isolation OUT/DATA 5...200MHz		20.0dB	30.0dB	30.0dB	30.0dB	40.0dB
Isolation OUT/DATA 200...1218MHz		20.0dB	20.0dB	20.0dB	19.0dB	19.0dB
Isolation OUT/DATA 1218...1794MHz		18.0dB	12.0dB	15.0dB	15.0dB	15.0dB
RETURN LOSS						
Return Loss IN/OUT	14.0 -1.5/octdB	16.0 -1.5/octdB	18.0 -1.5/octdB	18.0 -1.5/octdB	18.0 -1.5/octdB	18.0 -1.5/octdB
Return Loss DATA	14.0 -1.5/octdB	18.0 -1.5/octdB	18.0 -1.5/octdB	18.0 -1.5/octdB	18.0 -1.5/octdB	18.0 -1.5/octdB
Return Loss TV	14.0 -1.5/octdB	14.0 -1.5/octdB	14.0 -1.5/octdB	14.0 -1.5/octdB	14.0 -1.5/octdB	14.0 -1.5/octdB
Return Loss RF	10.0dB	10.0dB	10.0dB	10.0dB	10.0dB	10.0dB
Return Loss IN/OUT/DATA	8.0dB	8.0dB	8.0dB	8.0dB	8.0dB	8.0dB
ELECTRICAL						
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL						
Screening Efficiency	Class A +10dB	Class A +10dB	Class A +10dB	Class A +10dB	Class A +10dB	Class A +10dB
CONNECTORS						
Connector IN / IN-OUT			Spring Clamp Termination			
Connector DATA			F-female (IEC 61 169-24)			
Connector RF			IEC-female			
Connector TV			IEC-male			
MECHANICAL						
Dimensions product (H x D x W)			70.6 x 70.6 x 21.9mm			
Main Material			Zinc die-cast			
Packing QTY	10	10	10	10	10	10
Weight (kg)	0.09kg	0.09kg	0.09kg	0.09kg	0.09kg	0.09kg

Universal MATV/SMATV antenna outlets

improved functionality with future-ready technology

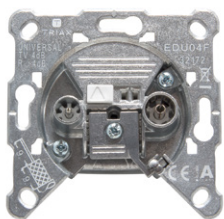


2-port super wide-band sockets

Wideband socket box with Sat IF range. Continuous frequency ranges 5 to 2400 MHz on both outlets (universal socket box). Advantage: Upgrading or retrofitting of the wideband house network with direct satellite reception always possible.

Your benefits

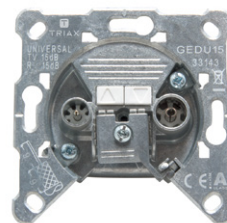
- Designed for CATV (cable TV) and Sat IF distribution.
- Manifold connection alternatives for the terminal equipment.
- Continuous CATV frequency ranges with reverse channel capability.
- Advantage: Flexible in application and storage.



EDU 04 F outlet
5...2400MHz
terminated

Art. No. 306111

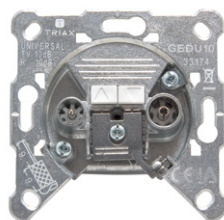
EAN Number
5702663061118



GEDU 15 outlet
5...2400MHz
loop through

Art. No. 306212

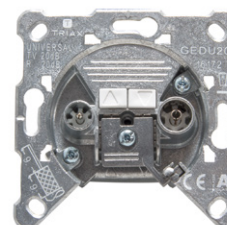
EAN Number
5702663062122



GEDU 10 outlet
5...2400MHz
loop through

Art. No. 306211

EAN Number
5702663062115



GEDU 20 outlet
5...2400MHz
loop through

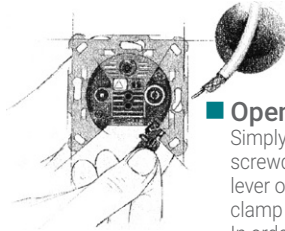
Art. No. 306213

EAN Number
5702663062139

TRIAX® MATV / SMATV

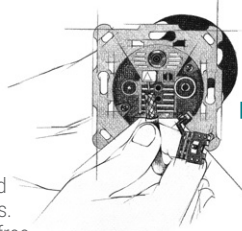
2-port super wide-band outlets

Mounting in detail



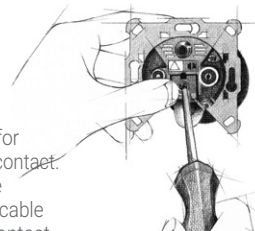
Open

Simply use a screwdriver to lever out the hinged clamp at the recess. In order to allow a free mounting position, tilt the clamp into fixing position.



Insert

The technology for inner conductor contact. Simply insert the stripped coaxial cable into the spring contact until it stops – it's held securely. In order to remove the cable, just press the button.



Close

Close the hinged clamp and screw tight. Insert the socket body, align it using the straight edges and anchor it by tightening the claw screws. PZ 1 screws for cordless screwdrivers are required.

Type:	EDU 04 F outlet 5...2400 MHz	GEDU 10 outlet 5...2400 MHz	GEDU 15 outlet 5...2400 MHz	GEDU 20 outlet 5...2400 MHz
Art. no.	306111	306211	306212	306213
CHARACTERISTICS				
Outlet Type	Terminated	Loop through	Loop through	Loop through
FREQUENCY				
Frequency Range IN-OUT		5...2150 (2400)MHz	5...2150 (2400)MHz	5...2150 (2400)MHz
Frequency Range TV	5...2150 (2400)MHz	5...2150 (2400)MHz	5...2150 (2400)MHz	5...2150 (2400)MHz
Frequency Range RF	5...2150 (2400)MHz	5...2150 (2400)MHz	5...2150 (2400)MHz	5...2150 (2400)MHz
LOSS				
Through Loss IN-FM	4.0dB	10.0dB	14.5dB	20.0dB
Through Loss IN-OUT @SAT		3.8 ±0.4dB	1.6 ±0.4dB	1.4 ±0.4dB
Through Loss IN-RF	4.0dB			
Through Loss IN-TV	4.0dB	10.0dB	14.5dB	20.0dB
ISOLATION				
Isolation OUT-FM		30.0dB	36.0dB	40.0dB
Isolation OUT-TV		30.0dB	36.0dB	40.0dB
Isolation TV-FM	20.0dB	>36.0dB	>24.0dB	>24.0dB
RETURN LOSS				
Return Loss FM	18.0...12.0dB	15.0dB	14.0dB	15.0dB
Return Loss IN	10.0dB	15.0dB	19.0dB	19.0dB
Return Loss OUT		18.0dB	20.0dB	20.0dB
Return Loss TV	18.0...12.0dB	15.0dB	14.0dB	15.0dB
ELECTRICAL				
Impedance	75Ω	75Ω	75Ω	75Ω
OPERATIONAL				
Certification	EN 50 083-1, EN 50 083-2, EN 50 083-4			
DC Passthrough TV	Max. 24VDC / 0.5A)			
Screening Efficiency	Class A (EN50083-2)	Class A (EN50083-2)	Class A (EN50083-2)	Class A (EN50083-2)
Operating temperature range	-25...+55°C	-25...+55°C	-25...+55°C	-25...+55°C
Temperature - shipping	-40...+70°C	-40...+70°C	-40...+70°C	-40...+70°C
Temperature - storage	-25...+55°C	-25...+55°C	-25...+55°C	-25...+55°C
CONNECTORS				
Adaptable Cable Dia. - Inner Conductor	0.58...1.15mm	0.58...1.15mm	0.58...1.15mm	0.58...1.15mm
Adaptable Cable Dia. - F-female	0.6...1.13mm	0.6...1.13mm	0.6...1.13mm	0.6...1.13mm
Adaptable Cable Dia. - Jacket	4.5...7.2mm	4.5...7.2mm	4.5...7.2mm	4.5...7.2mm
Adaptable Cable Dia. - Outer Conductor	3.7...5.8mm	3.7...5.8mm	3.7...5.8mm	3.7...5.8mm
Connector IN-OUT	Spring Clamp Termination			
Connector RF	IEC-female	IEC-female	IEC-female	IEC-female
Connector TV	IEC-male	IEC-male	IEC-male	IEC-male
MECHANICAL				
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm
Main Material	Zinc die-cast	Zinc die-cast	Zinc die-cast	Zinc die-cast
Packing QTY	10	10	10	10
Weight (kg)	0.09kg	0.09kg	0.09kg	0.09kg

Selective MATV/SMATV antenna outlets

selective spectrum and low insertion loss

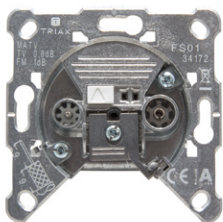


2-port MATV filter sockets

The filter principle used in most satellite and MATV/CATV outlets provides the lowest distribution operating loss as well as additional selective decoupling. These advantages are achieved at the price of transition ranges between the frequency bands that cannot be used.

Your benefits

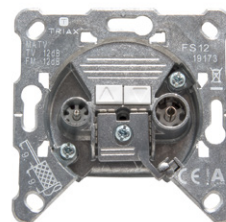
- Special antenna outlet sockets for connecting to cable TV networks (CATV) or common antenna networks (MATV/SMATV) up to 1 GHz.
- Special outlets designs for different electrical requirements (further special antenna outlets on request).
- Advantage: Optimal electrical characteristics for the respective application.



**FS 01 - 1 GHz
R/TV terminated outlet**

Art. No. 306191

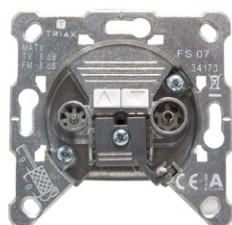
EAN Number
5702663061910



**FS 12 - 1 GHz
R/TV loop through
TV-radio/data outlet**

Art. No. 306292

EAN Number
5702663062924



**FS 07 - 1 GHz
R/TV loop through outlet**

Art. No. 306291

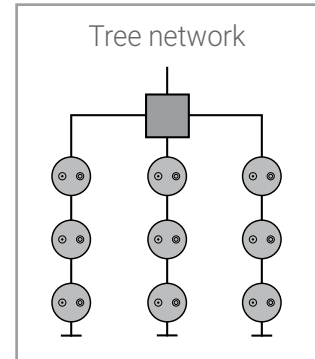
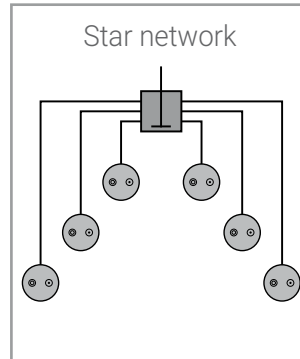
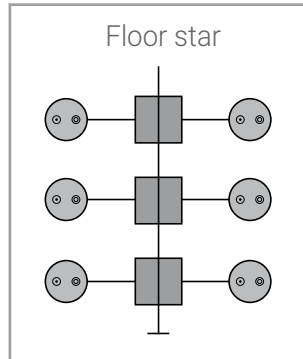
EAN Number
5702663062917



TRIAX[®] MATV / SMATV

2-port TV/radio filter outlets

Network structures



Type:	FS 01 outlet R/TV	FS 07 outlet R/TV	FS 12 outlet R/TV
Art. no.	306191	306291	306292
CHARACTERISTICS			
Outlet Type	Terminated	Loop through	Loop through
FREQUENCY			
Frequency Range IN-OUT	5...1000MHz	5...1000MHz	5...1000MHz
Frequency Range FM	87...108MHz	87...108MHz	87...108MHz
Frequency Range TV	5...68 / 118...1000MHz	5...68 / 118...1000MHz	5...68 / 118...1000MHz
LOSS			
Through Loss IN-FM	1.0dB	9.0dB	12.0dB
Through Loss IN-TV	0.7 ±1.0dB	8.0dB	11.0dB
ISOLATION			
Isolation OUT-FM		> 30.0 (@40 MHz -1.5/Oct.)dB	> 30.0 (@40 MHz -1.5/Oct.)dB
Isolation OUT-TV		> 30.0 (@40 MHz -1.5/Oct.)dB	> 30.0 (@40 MHz -1.5/Oct.)dB
Isolation TV-FM	>10.0dB	>10.0dB	>10.0dB
RETURN LOSS			
Return Loss FM	> 10dB	> 10dB	> 10dB
Return Loss IN	> 14.0 (@40 MHz -1.5/Oct.)dB	16.0...18.0dB	18.0dB
Return Loss OUT		26.0dB	24.0dB
Return Loss TV	> 14.0 (@40 MHz -1.5/Oct.)dB	> 14.0 (@40 MHz -1.5/Oct.)dB	> 14.0 (@40 MHz -1.5/Oct.)dB
ELECTRICAL			
Impedance	75Ω	75Ω	75Ω
OPERATIONAL			
Screening Efficiency	Class A (EN50083-2)	Class A (EN50083-2)	Class A (EN50083-2)
Operating temperature range	-25...+55°C	-25...+55°C	-25...+55°C
Temperature - shipping	-40...+70°C	-40...+70°C	-40...+70°C
Temperature - storage	-25...+55°C	-25...+55°C	-25...+55°C
CONNECTORS			
Adaptable Cable Dia.- Inner Conductor	0.58...1.15mm	0.58...1.15mm	0.58...1.15mm
Adaptable Cable Dia.- F-female	0.6...1.13mm	0.6...1.13mm	0.6...1.13mm
Adaptable Cable Dia.- Jacket	4.5...7.2mm	4.5...7.2mm	4.5...7.2mm
Adaptable Cable Dia.- Outer Conductor	3.7...5.8mm	3.7...5.8mm	3.7...5.8mm
Connector IN-OUT	Spring Clamp Termination	Spring Clamp Termination	Spring Clamp Termination
Connector FM	IEC-female	IEC-female	IEC-female
Connector TV	IEC-male	IEC-male	IEC-male
MECHANICAL			
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm
Main Material	Zinc die-cast	Zinc die-cast	Zinc die-cast
Packing QTY	10	10	10
Weight (kg)	0.09kg	0.09kg	0.09kg

Selective MATV/SMATV antenna outlets

selective and low insertion loss



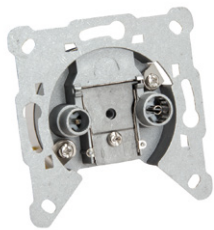
TRIAX TOU standard tv/radio quality outlets

The TRIAX TOU series of outlets is made of diecast aluminium, the coax IEC connectors comply with DIN 45325 and IEC 169 standards.

The outlets can be built into a $\varnothing 60$ mm round wall box or surface mounted by means of a TOU frame.

Your benefits

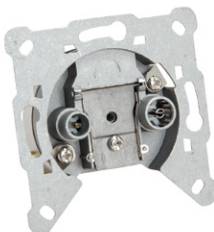
- Designed for CATV (cable TV) and Sat IF distribution.
- Manifold connection alternatives for the terminal equipment.
- Continuous CATV frequency ranges with reverse channel capability.
- Advantage: Flexible in application and storage.



TOU - 1 outlet R/TV terminated

Art. No. 303621

EAN Number
5702663036215



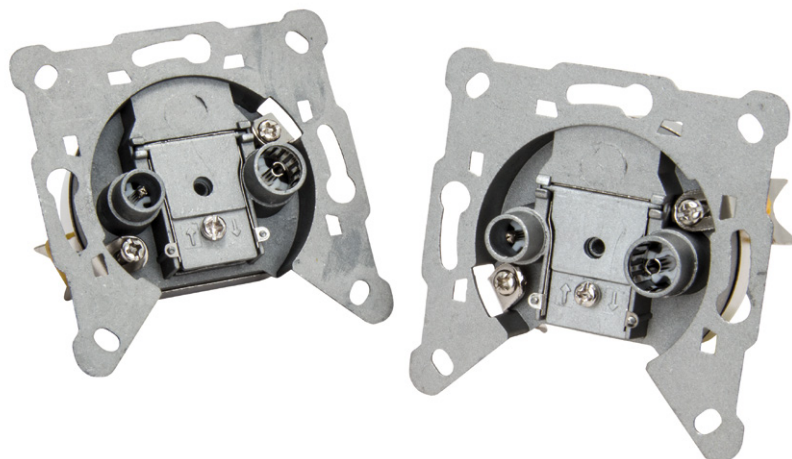
TOU - 4 outlet R/TV loop through

Art. No. 303624

EAN Number
5702663036246

TRIAX® MATV / SMATV

2-port TV/radio filter outlets



Type:	TOU - 1 outlet R/TV	TOU - 4 outlet R/TV
Art. no.	303621	303624
CHARACTERISTICS		
Outlet Type	Terminated	Loop through
FREQUENCY		
Frequency Range FM	87.5...108MHz	
Frequency Range TV	5...74/120...862MHz	
LOSS		
Through Loss IN-FM	2.0dB	5.5dB
Through Loss IN-TV	1.5dB	4.5dB
Through Loss IN-OUT		4.0dB
ISOLATION		
Isolation OUT-FM		>20.0dB
Isolation OUT-TV		>15.0dB
Isolation TV-FM	>10.0dB	>10.0dB
RETURN LOSS		
Return Loss FM	Cat. D *) EN 50083-4dB	
Return Loss TV	Cat. C *) EN 50083-4dB	
ELECTRICAL		
Impedance	75Ω	75Ω
CONNECTORS		
Connector FM	IEC-female	IEC-female
Connector TV	IEC-male	IEC-male
Connector IN-OUT		Saddle & Clamp (S&C)
MECHANICAL		
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	
Main Material	Zinc die-cast	
Remarks	*) According to CENELEC: B: 5-40 MHz > 18 dB, 40-862 MHz min. 18 dB - 1.5/oct. C: 5-40 MHz > 14 dB, 40-862 MHz min. 14 dB - 1.5/oct. D: 5-862 MHz > 10 dB. Standards CE: EN 50083-4. NB! excl. cover and frame	
Weight (kg)	0.146kg	0.146kg

3-port SAT/TV/Radio wide-band outlets

with gapless TV frequency range

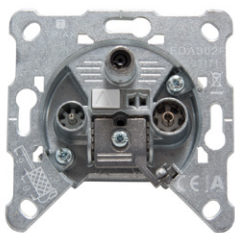


3-port SAT/CATV combination sockets

Sat IF socket box with reverse-channel capable wide-band MATV/CATV outlets (splitter-filter combination). GDA 313 F pass-through-socket with diode-decoupled DC circuit (13/18V, 22 kHz) for single-cable solution and satellite sub-distributions* in the residential unit. Advantage: In addition to Sat IF operation, connection options to CATV cable network or terrestrial antenna systems (all-round antenna outlet socket). Note: Only one sat receiver can be operated actively at the socket box chain in case of a cascade of pass-through sockets in multi-switch operation.

Your benefits

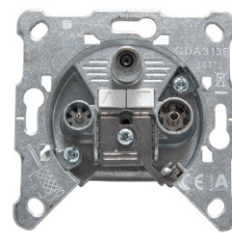
- Designed for CATV (cable TV) and Sat IF distribution.
- Manifold connection alternatives for the terminal equipment.
- Continuous CATV frequency ranges with reverse channel capability.
- Advantage: Flexible in application and storage.



EDA 302 F SAT/CATV outlet terminated

Art. No. 306121

EAN Number
5702663061217



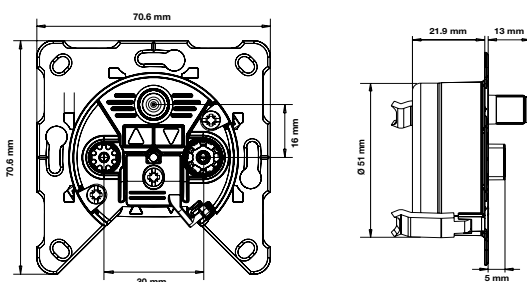
GDA 313 F SAT/CATV outlet loop through

Art. No. 306221

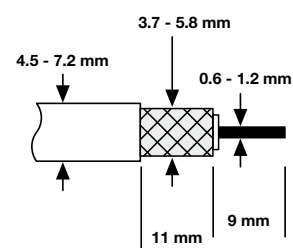
EAN Number
5702663062214

Installation dimensions

Outlet socket frame



Recommended cable dimensions



3-port filter antenna outlets

for multiswitch systems or single-cable solutions

Type:	EDA 302 F SAT/CATV outlet	GDA 313 F SAT/CATV outlet
Art. no.	306121	306221
CHARACTERISTICS		
Outlet Type	Terminated	Loop through
FREQUENCY		
Frequency Range IN-OUT		5...2150 (2400)MHz
Frequency Range FM	5...118MHz	5...118MHz
Frequency Range TV	5...862MHz	5...862MHz
Frequency Range SAT	950...2150 (2400)MHz	950...2150 (2400)MHz
SHIELDING		
Shielding @ 1000...2400 MHz	≥ 55.0dB	≥ 55.0dB
Shielding @ 300-470 MHz	≥ 80.0dB	≥ 80.0dB
Shielding @ 30-300 MHz	≥ 85.0dB	≥ 85.0dB
Shielding @ 470-1000 MHz	≥ 75.0dB	≥ 75.0dB
LOSS		
Through Loss IN-FM	6.5dB	17.0 ±1.0dB
Through Loss IN-OUT @SAT		1.8 ±1.0dB
Through Loss IN-SAT	2.0dB	12.0 ±1.5dB
Through Loss IN-TV	2.5dB	12.5 ±1dB
ISOLATION		
Isolation FM-SAT	30.0dB	35.0dB
Isolation OUT-FM		35.0dB
Isolation OUT-TV		28.0dB
Isolation TV-FM	20.0dB	25.0dB
Isolation TV-SAT	>20.0dB	20.0dB
RETURN LOSS		
Return Loss FM	10.0dB	10.0dB
Return Loss IN	10.0dB	16.0 (@40MHz -1.5dB/Oct.)dB
Return Loss OUT		15.0dB
Return Loss SAT	9.0dB	10.0dB
Return Loss TV	12.0dB	12.0dB
ELECTRICAL		
Impedance	75Ω	75Ω
OPERATIONAL		
DC Passthrough FM	NO	NO - DC blocked at inner conductor
DC Passthrough IN-OUT	NO	Yes (max. 25VDC / 0.5A)
DC Passthrough SAT	Yes (max. 24VDC / 0.5A)	Yes (max. 25VDC / 0.5A directed)
DC Passthrough TV	NO	NO - DC blocked at inner conductor
Screening Efficiency	Class A	Class A
Operating temperature range	-25...+55°C	-25...+55°C
Temperature - storage	-25...+55°C	-25...+55°C
CONNECTORS		
Adaptable Cable Dia. - Inner Conductor	0.58...1.15mm	0.58...1.15mm
Adaptable Cable Dia. - F-female	0.6...1.13mm	0.6...1.13mm
Adaptable Cable Dia. - Jacket	4.5...7.2mm	4.5...7.2mm
Adaptable Cable Dia. - Outer Conductor	3.7...5.8mm	3.7...5.8mm
Connector type data	F-female (IEC 60 169-24)	F-female (IEC 60 169-24)
Connector IN-OUT	Spring Clamp Termination	Spring Clamp Termination
Connector SAT	F-female	F-female
Connector TV	IEC-male	IEC-male
Connector FM	IEC-female	IEC-female
MECHANICAL		
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm
Main Material	Zinc die-cast	Zinc die-cast
Packing QTY	10	10
Weight (kg)	0.09kg	0.09kg

3-port SAT/TV/Radio filter outlets

for multiswitch systems



3-outlet SAT filter sockets

For sat IF systems (SMATV) with connection options for terrestrial terminal equipment such as FM radio and DVB-T television. Only one sat receiver can be operated actively at the socket.

Your benefits

- Special SAT antenna outlets for sat IF distribution networks (multi-switch systems) as well as single satellite systems.

- FS 302 F with comfortable push in cable clamp
- F-connector for SAT IF range. Additional connection of terrestrial receiving devices such as DVB-T receiver possible via IEC connectors.
- Selective splitting of the frequency bands via filters with extremely low distribution operating loss.
- Advantages:
Direct F-connection for SAT receiver. Cost-efficient.



FS 302 F - SAT/TV/R outlet terminated

Art. No. 306151

EAN Number
5702663061514



GAD 269 LTE - SAT/TV/R

Art. No. 306269

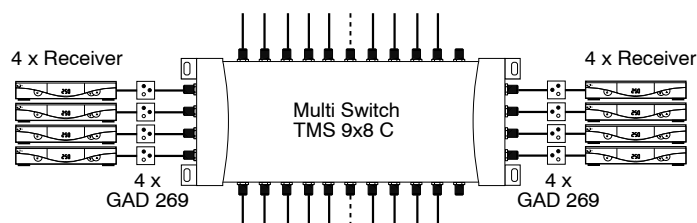
EAN Number
5702663062696



3- port filter antenna outlets

for multiswitch systems

Network structures



Type:	FS 302 F SAT/TV/R outlet terminated	GAD 269 LTE - SAT/TV/R outlet terminated
Art. no.	306151	306269
CHARACTERISTICS		
Outlet Type	Terminated	Terminated
FREQUENCY		
Frequency Range FM	87...108MHz	87.5 - 108MHz
Frequency Range TV	5...75/118...862MHz	5 -74 / 125 - 694MHz
Frequency Range SAT	950...2150 (2400)MHz	950 -2150MHz
LOSS		
Through Loss IN-FM	1.5dB	2dB
Through Loss IN-SAT	2.0 (3.0 @2400Mhz)dB	2,5dB
Through Loss IN-TV	1.5dB	2dB
ISOLATION		
Isolation TV-RF	20.0dB	
RETURN LOSS		
Return Loss FM	20dB	11dB
Return Loss IN		14 @47MHz -1.5dB/Oct.dB
Return Loss SAT	20dB	10...6dB
Return Loss TV	30dB	14 @47MHz -1.5dB/Oct. (10 @68-75MHz)dB
ELECTRICAL		
Impedance	75Ω	75Ω
OPERATIONAL		
DC Passthrough SAT	Yes (max. 24VDC / 0.5A)	Yes (max. 30VDC / 1A)
Screening Efficiency	Class A (EN50083-2)	Class A (EN50083-2)
Operating temperature range	-25...+55°C	-25...+55°C
Temperature - storage	-25...+55°C	-40...+70°C
CONNECTORS		
Adaptable Cable Dia. - Inner Conductor	0.58...1.15mm	
Adaptable Cable Dia. - F-female	0.6...1.13mm	
Adaptable Cable Dia.- Jacket	4.5...7.2mm	
Adaptable Cable Dia. - Outer Conductor	3.7...5.8mm	
Connector SAT	F-female	F-female
Connector FM	IEC-female	IEC-female
Connector TV	IEC-male	IEC-male
MECHANICAL		
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	70 x 70 x 21.6mm
Main Material	Zinc die-cast	
Packing QTY	10pcs.	1pcs.
Remarks		Incl coverplate and frame
Weight (kg)	0.09kg	0.156kg

3-port SAT/TV/Radio filter outlets

for multiswitch systems or single-cable solutions



TRIAX TOU satellite, tv/radio outlets

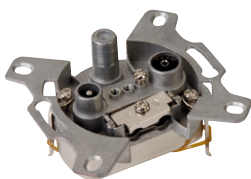
The TRIAX TOU series of outlets is made of diecast aluminium, and the coax IEC connectors comply with DIN 45325 and IEC 169 standards.

The outlets can be built into a Ø60 mm round wall box or surface mounted by means of a TOU frame.

Your benefits

- Special SAT antenna outlets for SAT IF distribution networks (multi-switch systems or single-cable solution) as well as single satellite systems.

- F connector for SAT IF range. Additional connection of terrestrial receiving devices such as DVB-T receiver possible via IEC connectors.
- Selective splitting of the frequency bands via filters with extremely low distribution operating loss.
- Advantages:
Direct F-connection for sat receiver.
Cost efficient.



TOU - 01S outlet SAT/TV/R terminated

Art. No. 303693

EAN Number
5702663036932



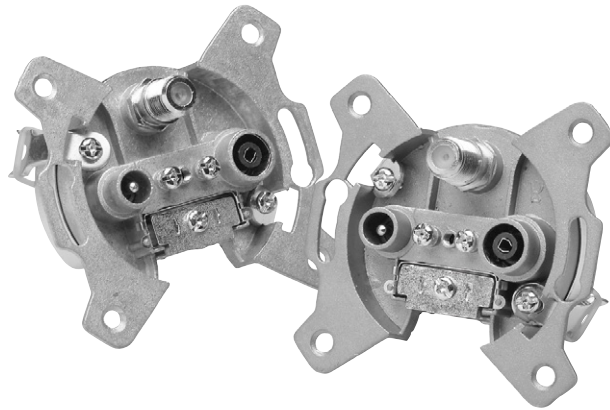
TOU - 01S outlet SAT/TV/R terminated w/ white cover

Art. No. 303661

EAN Number
5702663036611

3-port filter outlets

for multiswitch systems



Type:	TOU - 01S outlet SAT/TV/R	TOU - 01S outlet SAT/TV/R w/ white cover
Art. No.	303693	303661
CHARACTERISTICS		
Outlet Type	Terminated	Terminated
FREQUENCY		
Frequency Range FM	87.5...108MHz	87.5...108MHz
Frequency Range TV	5...74/120...862MHz	5...74/120...862MHz
Frequency Range SAT	950...2250MHz	950...2250MHz
SHIELDING		
Shielding factor UHF	>75dB	>75dB
Shielding factor VHF	>85dB	>85dB
LOSS		
Through Loss IN-FM	1.5dB	1.5dB
Through Loss IN-SAT	2.0dB	2.0dB
Through Loss IN-TV	2.0dB	2.0dB
ISOLATION		
Isolation FM-SAT		
Isolation OUT-TV	>10.0dB	>10.0dB
Isolation TV-FM	>15.0dB	>15.0dB
Isolation TV-SAT		
RETURN LOSS		
Return Loss FM	Cat. D *)dB	Cat. D *)dB
Return Loss TV	Cat. C *)dB	Cat. C *)dB
ELECTRICAL		
Impedance	75Ω	75Ω
OPERATIONAL		
DC Passthrough SAT	Yes (20VDC/500mA)	Yes (20VDC/500mA)
CONNECTORS		
Connector FM	IEC-female	IEC-female
Connector IN-OUT	Saddle & Clamp	Saddle & Clamp
Connector SAT	F-female	F-female
Connector TV	IEC-male	IEC-male
MECHANICAL		
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm
Main Material	Zinc die-cast	Zinc die-cast
Packing QTY	1	1
Remarks	According to CENELEC:	C: 5-40 MHz > 14 dB, 40-862 MHz min. 14 dB - 1.5/oct. D: 5-862 MHz > 10 dB.
Weight (kg)	0.156kg	incl. cover and frame (white) 0.156kg

2-port SAT/TV filter outlets

for multiswitch systems or single-cable solution

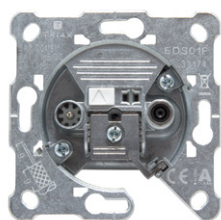


2-port SAT filter outlets

Special SAT antenna outlets for SAT IF distribution networks (multi-switch systems or single-cable solution), as well as single satellite systems.

Your benefits

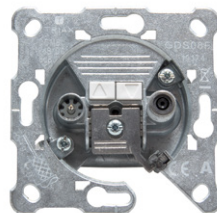
- F-connector for SAT IF range. Additional connection of terrestrial receiving devices such as DVB-T receiver possible via IEC connectors.
- Selective splitting of the frequency bands via filters with extremely low distribution operating loss.
- Advantages:
Direct F-connection for SAT receiver. Cost-efficient.



EDS 01 F
outlet terminated

Art. No. 306131

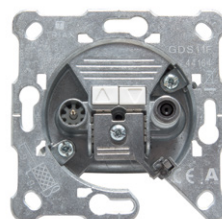
EAN Number
5702663061316



GDS 08 F
outlet loop through

Art. No. 306231

EAN Number
5702663062313



GDS 11 F
outlet loop through

Art. No. 306232

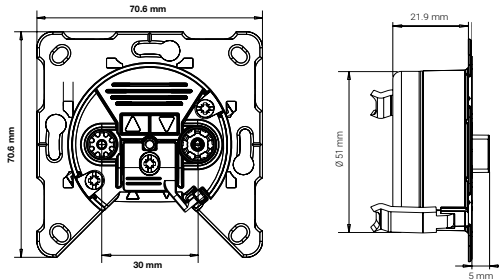
EAN Number
5702663062320

SAT/TV antenna outlets

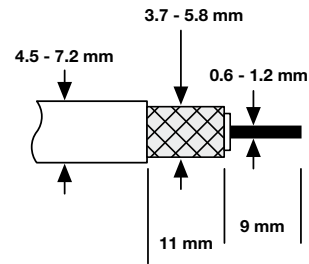
for multiswitch systems or single-cable solutions

Installation dimensions

Outlet socket frame



Recommended cable dimensions



Type:	EDS 01 F outlet	GDS 08 F outlet	GDS 11 F outlet
Art. no.	306131	306231	306232
CHARACTERISTICS			
Outlet Type	Terminated	Loop through	Loop through
FREQUENCY			
Frequency Range TV	5...862MHz	5...862MHz	5...862MHz
Frequency Range SAT	950...2400MHz	950...2150 (2400)MHz	950...2150 (2400)MHz
LOSS			
Through Loss IN-SAT	1.2dB	8.0dB	11.5dB
Through Loss IN-TV	1.2dB	8.0dB	11.0dB
ISOLATION			
Isolation OUT-TV		30.0dB	30.0dB
Isolation TV-SAT	20.0dB	20.0dB	20.0dB
RETURN LOSS			
Return Loss IN	11.0dB	13.0dB	13.0dB
Return Loss OUT		14.0dB	14.0dB
Return Loss SAT	10.0dB	12.0dB	10.0dB
Return Loss TV	12.0dB	12.0dB	12.0dB
ELECTRICAL			
Impedance	75Ω	75Ω	75Ω
OPERATIONAL			
Certification	EN 50 083-1, EN 50 083-2, EN 50 083-4		
DC Passthrough IN-OUT		Yes (max. 24VDC / 0.5A)	Yes (max. 24VDC / 0.5A)
DC Passthrough SAT	Yes (max. 24VDC / 0.5A)	Yes (max. 24VDC / 0.5A)	Yes (max. 24VDC / 0.5A)
Screening Efficiency	Class A	Class A	Class A
Operating temperature range	-25...+55°C	-25...+55°C	-25...+55°C
Temperature - storage	-25...+55°C	-25...+55°C	-25...+55°C
CONNECTORS			
Adaptable Cable Dia. - Inner Conductor	0.58...1.15mm	0.58...1.15mm	0.58...1.15mm
Adaptable Cable Dia. - Jacket	4.5...7.2mm	4.5...7.2mm	4.5...7.2mm
Adaptable Cable Dia. - Outer Conductor	3.7...5.8mm	3.7...5.8mm	3.7...5.8mm
Connector IN-OUT	Spring Clamp Termination		
Connector SAT	F-female		
Connector TV	IEC-male		
MECHANICAL			
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm
Main Material	Zinc die-cast	Zinc die-cast	Zinc die-cast
Weight (kg)	0.09kg	0.09kg	0.09kg

3-port Twin & 4-port SAT outlets

for special SAT applications



3-port TWIN SAT outlets

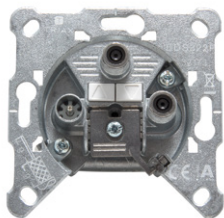
Two independent inputs and F outlets for TWIN-sat receiver operation with connection option for DVB-T receiver or, via adapter coupling, for FM radio

Your benefits

- Special sat antenna outlets for sat IF distribution networks (multiswitch systems) as well as single satellite systems
- F connector for sat IF range. Additional connection of terrestrial receiving devices such as DVB-T receiver possible via IEC connectors
- comfortable push in clamp connector for cable connection
- Selective splitting of the frequency bands via filters with extremely low distribution operating loss
- Direct F-connection for SAT receiver

4-port TWIN SAT outlets

Single terminated antenna outlets for use in SAT-IF distribution networks with SAT multiswitches. Each has TV and Radio ports, with either 2x SAT or 1 SAT + 1 Data port. If required, the plastic covers can be removed for flush mounting.



EDS 322 F - 2 input outlet terminated

Art. No. 306141

EAN Number
5702663061415



GAD 404 S SAT/TV/Radio/DATA outlet terminated

Art. No. 389047

EAN Number
5702663890473



GAD 274 - 2 input TV/Radio/2 x SAT outlet terminated

Art. No. 023274

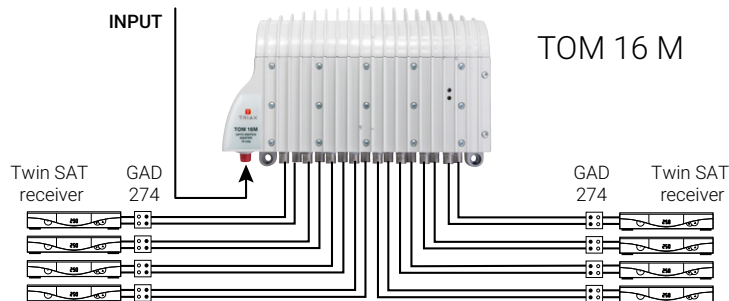
EAN Number
5702660232740



3- and 4-port SAT outlets

for multiswitch or cable solutions

Example of network structure



Type:	EDS 322 F TWIN SAT	GAD 404 S TV/FM/SAT/DATA	GAD 274 TV/FM/2 x SAT
Art. no.	306141	389047	023274
CHARACTERISTICS			
Outlet Type	Terminated	Terminated	Terminated
FREQUENCY			
Frequency Range FM		87.5...108MHz	87.5...125MHz
Frequency Range TV	5...862MHz	109...862MHz	47...68/174...862MHz
Frequency Range SAT	950...2400MHz	950...2400MHz	950...2150MHz
Frequency Range SAT 2	5...2400MHz		950...2150MHz
Frequency Range DATA		5...862MHz	
LOSS			
Tap Loss DATA		4.0dB	
Tap Loss DAB		4.0dB	2.0dB
Tap Loss FM/RF		8.0dB	2.0dB
Tap Loss SAT	1.2dB	1.5dB	2.0dB
Tap Loss TV	1.2dB	4.0dB	1.5dB
ISOLATION			
Isolation TV-RF		24.0dB	
Isolation TV-SAT	>20.0dB		
Isolation DATA-TV		> 50 (@5...65MHz)dB > 20 (@85...862MHz)dB	
RETURN LOSS			
Return Loss IN	11.0dB	18 (@40MHz -1,5dB/oct)dB	
Return Loss SAT	10.0dB	10dB	
Return Loss TV	12.0dB	18 (@40MHz -1,5dB/oct)dB	
ELECTRICAL			
Impedance	75Ω	75Ω	75Ω
OPERATIONAL			
DC Passthrough SAT	Yes (max. 24VDC / 0.5A)		Yes (max. 24VDC / 0.5A)
Screening Efficiency	Class A (EN50083-2)	Class A (EN50083-2)	Class A (EN50083-2)
Operating temperature range	-25...+55°C	-25...+55°C	-25...+55°C
Temperature - shipping	-40...+70°C	-40...+70°C	-40...+70°C
Temperature - storage	-25...+55°C	-25...+55°C	-25...+55°C
CONNECTORS			
Adaptable Cable Dia.- Inner Conductor	0.58...1.15mm		
Adaptable Cable Dia.- Jacket	0.6...1.13mm		
Adaptable Cable Dia.- Outer Conductor	4.5...7.2mm		
Adaptable Cable Dia.- Outer Conductor	3.7...5.8mm		
Connector DATA		F-female	
Connector SAT	F-female		2 x F-female
Connector FM	IEC-female	IEC-female	IEC-female
Connector TV	IEC-male	IEC-male	IEC-male
MECHANICAL			
Dimensions product (H x D x W)	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm	70.6 x 70.6 x 21.9mm
Main Material	Zinc die-cast	Zinc die-cast	Zinc die-cast
Packing QTY	10pcs.	1pcs.	1pcs.
Weight (kg)	0.09kg	0.156 kg	0.156 kg
Remarks		Incl. cover and frame	Incl. cover and frame

TRIAX® FUGA TV/Radio outlets

high quality outlets ideal for CATV networks



1 & 2-port CATV filter outlets

TRIAX's FUGA antenna sockets have improved screening and are quick and easy to mount. The diecast design, where backplate and templates are single-moulded, sets new standards for screen shrinkage and mechanical stability.

High shielding

TRIAX's FUGA antenna sockets fully meet the demands of increased screen shade (Class A requirements). Also, the cable connection has been re-designed with effective HF shielding of the cable inner conductor, and the reflection attenuation in the return path has improved significantly.

Solid mechanics

In the new sockets, the connectors are precise and cannot be twisted loose or out of shape, as the backplate and terminals are single-moulded. At the same time, the fastening is stabilised and the pull relief is improved, so that uncovered cable ducts are exposed.

Faster assembly

The TRIAX FUGA antenna sockets are simple and fast to mount, as the terminal lock can be parked in an open state while the cable is mounted. A new and stronger silicone tape effectively holds the claw pieces in place.

Your benefits

- High HF density, Ideal in CATV network
- Easy and quick assembly
- Solid mechanics quality
- Meets the technical requirements of the future for multimedia



TD 212E wh. outlet, 50x77 - FM/TV - Loopthrough

Art. No. 302582

EAN Number
5702663025820



TD 263E wh. outlet, 50x77 - FM/TV - Loopthrough

Art. No. 302581

EAN Number
5702663025813



TD 260E wh. outlet, 50x77 - FM/TV - terminated

Art. No. 302580

EAN Number
5702663025806



TD 241E 2-way MM, 50x77 white outlet - terminated

Art. No. 302587

EAN Number
5702663025875

TRIAX® FUGA TV/Radio outlets

high quality outlets ideal for CATV networks

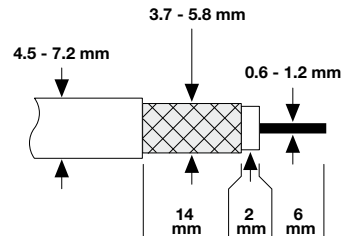


TD 101E MM, 50x77 white outlet - terminated

Art. No. 302586

EAN Number
5702663025868

Recommended cable dimensions



Type:	TD 212E wh. outlet, 50x77 - FM/TV - Loophrough	TD 260E wh. outlet, 50x77 - FM/TV - terminated	TD 263E wh. outlet, 50x77 - FM/TV - Loophrough	TD 241E 2-way MM white outlet	TD 101E white outlet, 50x77
Art. no.	302582	302580	302581	302587	302586
CHARACTERISTICS					
Outlet Type	Loop through	Terminated	Loop through	Terminated	Terminated
Return Path				5...240MHz	5...2400MHz
FREQUENCY					
Frequency range				5...1794MHz	5...2400MHz
Frequency Range IN-OUT	5...862MHz	5...1200MHz	5...1200MHz		
Frequency Range FM	87.5...108MHz	87.5...108MHz	87.5...108MHz		
Frequency Range TV	47...68/132...862 MHz	5...68/132...1200 MHz	5...68/132...1200 MHz	258...1218 MHz	
Frequency Range DATA				5...204/258...1794 MHz	
LOSS					
Through Loss IN-DATA				(0,6@5...204MHz) (4,0@258...1218MHz) (4,0@1218...1794MHz)	
Through Loss IN-FM	0.8dB		4.5dB		
Through Loss IN-OUT	0.8dB		4.5dB		
Through Loss IN-TV	0.8dB		4.5 (5.0@862...1200MHz) dB	(73@5...30MHz) (60@30...204MHz) (4@258...1218MHz)	<0.6 (@5...1300MHz) <1.0@1300...2400) dB
ISOLATION					
Isolation OUT-FM	>31.0 (@40 MHz)dB		>20 (@40MHz)dB		
Isolation OUT-TV	>31.0 (@40 MHz)dB		>20 (@40MHz)dB		
Isolation TV-FM	>12.0dB	>12.0dB	>12.0dB		
RETURN LOSS					
Return Loss DATA				(18@5...204MHz) - (16@258...1200MHz) - (14@1200...1794MHz)	
Return Loss FM	>10.0dB	>10.0dB	>10.0dB		
Return Loss IN	>18.0(@5...40MHz) dB	>18.0 (@5...40MHz)dB	>18.0(@5...40MHz) dB	(18@5...204MHz) (16@258...1218MHz) (14@1218...1794MHz)	>18.0 (@47MHz -1.5dB/ octave >10dB)dB
Return Loss OUT	>18.0(@5...40MHz) dB		>18.0(@5...40MHz) dB		
Return Loss TV	>14.0(@5...40MHz) dB	>18.0(@5...40MHz) dB	>18.0 (@5...40MHz) dB	(18@258...300MHz) (20@300...1200MHz)	>18.0 (@47MHz -1.5dB/ octave >10dB)dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
Linearity	± 1dB	± 1dB	± 1dB		± 0.3dB
OPERATIONAL					
DC Passthrough TV		Yes (max. 100mA)	Yes (max. 100mA)		Yes (max. 2000mA)
Screening Efficiency			EN50083-2 (Class A+10dB)		
Operating temp. range	-40 ... +70°C	-40 ... +70°C	-40 ... +70°C	-40 ... +70°C	-40 ... +70°C
CONNECTORS					
Connector FM	IEC-female	IEC-female	IEC-female		
Connector TV	IEC-male	IEC-male	IEC-male	IEC-male	IEC-male
Connector DATA					F-female
MECHANICAL					
Dim. product (H x D x W)	29 x 50 x 77mm	29 x 50 x 77mm	29 x 50 x 77mm	37 x 50 x 77mm	29 x 50 x 77mm
Design	FUGA	FUGA	FUGA	FUGA	FUGA
Colour	White	White	White	White	White
Packing QTY	1	1	1	1	1
Weight (kg)	0.101kg	0.115kg	0.115kg	0.097kg	0.115kg

TRIAX® FUGA Multimedia outlets

for satellite, CATV & terrestrial reception



3-port SAT & TV/Radio filter sockets

FUGA antenna wall outlets fit to the socket and switch programs in FUGA form factor of leading electric vendors in Denmark.

The design, where backplate and terminals are die cast in one piece sets new standards in shielding and mechanical stability.

Your benefits

- High HF-tightness
- Simple and quick mounting
- Solid mechanical quality
- Meet today's technical multimedia requirements



**TD 253E white outlet, 50x77
SAT/TV/FM
Terminated+Return**

Art. No. 302584

EAN Number
5702663025844



**TD 272E white outlet, 50x77
TV/FM/DATA Multimedia
Terminated**

Art. No. 302583

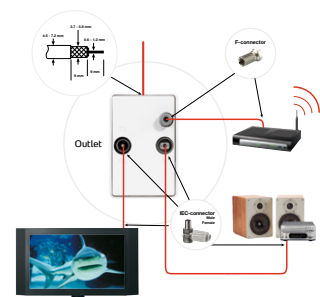
EAN Number
5702663025837



**TD 254E white outlet, 50x77
SAT/TV/FM/DAB
Terminated**

Art. No. 302585

EAN Number
5702663025851



TRIAX FUGA special outlets



**FV 01 outlet F-conn 50x50
One port**

Art. No. 303481

EAN Number
5702663034815



**FV 02 outlet F-conn 50x77
One port**

Art. No. 303482

EAN Number
5702663034822

TRIAX® FUGA Special outlets

with F-connectors

Type:	TD 253E outlet 50x77 FM/TV/ SAT/RETURN	TD 254E outlet 50x77 FM/TV/SAT/DAB	TD 272E outlet, 50x77 FM/TV/DATA	FV 01 outlet F-conn 50x50 One port	FV 02 outlet F-conn 50x77 One port
Art. no.	302584	302585	302583	303481	303482
CHARACTERISTICS					
Outlet Type	Terminated	Terminated	Terminated	F female / F female	F female / F female
FREQUENCY					
Frequency Range FM	87.5...108MHz	87.5...108MHz	87,0...108MHz		
Frequency Range DAB		47...862MHz			
Frequency Range TV	47..68/132..862MHz	47..68/132..862MHz	87...1300MHz		
Frequency Range SAT	950...2150MHz	950...2150MHz			
Frequency Range DATA			132...1300@down (5..65@upstream) MHz		
Frequency Range RETURN	0...2150MHz				
LOSS					
Tap loss FM	1.0dB	5,5dB	5,5dB		
Tap loss DAB		4.5dB			
Tap loss TV	1.0dB	4.5dB	4.5 (5.5 @862..1300) dB		
Tap loss SAT	2,0dB	2,0dB			
Tap loss DATA			4.5 ±1dB @down- (1.0 ±1dB @up) dB		
Through Loss IN-TV				0.2...0.5dB	0.2...0.5dB
Through loss return	1.0dB				
ISOLATION					
Isolation TV-FM	>12.0dB	>12.0dB	>20.0 (>55.0dB @5...65MHz)dB		
Isolation TV-DAB		>15.0dB			
Isolation FM-DATA			>30.0 @down- (>55.0 @return)dB		
Isolation TV-SAT	>18.0dB	>18.0dB			
Isolation TV-DATA			>20.0 @down- (>55.0 @return)dB		
RETURN LOSS					
Return Loss FM	>10.0dB	>10.0dB	>10.0dB		
Return Loss DAB		14.0*) dB			
Return Loss TV	14.0*) dB	14.0*) dB	>18.0*)dB		
Return Loss DATA			17.0*)dB		
Return Loss IN	17.0*)dB	17.0*)dB	17.0*)dB	18.0*)dB	18.0*)dB
Return Loss OUT				18.0*)dB	18.0*)dB
Return Loss SAT		14.0*)			
Return Loss TV	14.0*)dB	14.0*)dB	>18.0*)dB		
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
Linearity	± 1dB	± 1dB	± 1dB		
OPERATIONAL					
DC Passthrough DATA			Max. 100mA		
DC Passthrough SAT	Max. 350mA	Max. 350mA			
DC Passthrough TV		Max. 100mA			
DC Passthrough RETURN	Max. 100mA				
Screening Efficiency	Class A +10dB (EN50083-2)			Class B (EN50083-2)	
Operating temperature range	-40 ... +70°C	-40 ... +70°C	-40 ... +70°C	-40 ... +70°C	-40 ... +70°C
CONNECTORS					
Adap. Cable Dia. - In. Conduc.	0.4...1,13mm	0.4...1,13mm	0.4...1,13mm	mm	mm
Adap. Cable Dia.- Jacket	2.7...8.0mm	2.7...8.0mm	2.7...8.0mm	mm	mm
Connector DAB		F-female			
Connector DATA			F-female		
Connector FM	IEC-female	IEC-female	IEC-female		
Connector IN-OUT				F-female	F-female
Connector Return	F-female				
Connector SAT	F-female	F-female			
Connector TV	IEC-male	IEC-male	IEC-male		
MECHANICAL					
Colour	white	white	white	white	white
Design	FUGA	FUGA	FUGA	FUGA	FUGA
Dimensions product (HxDxW)	29 x 50 x 77mm	29 x 50 x 77mm	26 x 50 x 77mm	50 x 50 x 26mm	77 x 50 x 26mm
Packing QTY	1	1	1	1	1
Weight net	0.122kg	0.122kg	0.120kg	0.051kg	0.062kg
Remarks		DC passthrough TV only usable if no DC on SAT			

*) (@40MHz -1.5dB/octave >10dB)

TRIAX® OPUS outlet series

for satellite, CATV & terrestrial reception



TRIAX OPUS high-quality outlets

TRIAX's range of OPUS TV/radio outlets have improved shielding factor and are much faster to mount.

The design, where backplate and terminals are die cast in one piece sets new standards to shielding and mechanical stability.

Your benefits

- High HF-tightness
- Simple and quick mounting
- Solid mechanical quality
- Meet today's technical multimedia requirements



TD 301 OPUS outlet
TV/Radio terminated

Art. No. 302131

EAN Number
5702663021310



TD 352 OPUS outlet
SAT/TV/Radio terminated

Art. No. 302152

EAN Number
5702663021525



TD 304 OPUS outlet
TV/Radio loop through

Art. No. 302134

EAN Number
5702663021341



TD 372 OPUS outlet
TV/Radio/DATA terminated

Art. No. 302172

EAN Number
5702663021723



TD 312 OPUS outlet
TV/Radio loop through

Art. No. 302132

EAN Number
5702663021327

Accessories

for TRIAX outlets



Cover plates, on wall mounting frames for outlets in DIN-EU form factor



AD 23 Cover, Oyster White

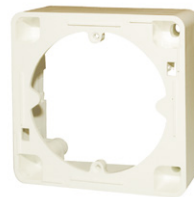
Art. No. 302061

EAN Number
5702663020610

MECHANICAL

Packing QTY 10 pcs

Dimension 76 x 76 mm



AR 20 Frame, Oyster White

Art. No. 302063

EAN Number
5702663020634

MECHANICAL

Packing QTY 10 pcs

Dimension 76 x 76 mm



AD 23 Cover, Pure White

Art. No. 302060

EAN Number
5702663020603

MECHANICAL

Packing QTY 10 pcs

Dimension 76 x 76 mm



AR 20 Frame, Pure White

Art. No. 302062

EAN Number
5702663020627

MECHANICAL

Packing QTY 10 pcs

Dimension 76 x 76 mm



TOU coverplate 2 holes - white

Art. No. 303680

EAN Number
5702663036802

MECHANICAL

Packing QTY 10 pcs

Dimension 76 x 76 mm



TOU coverplate SAT - white

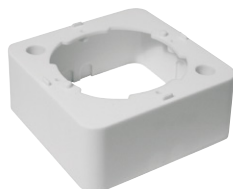
Art. No. 303695

EAN Number
5702663036956

MECHANICAL

Packing QTY 10 pcs

Dimension 76 x 76 mm



Surface mount - TOU outlets

Art. No. 303698

EAN Number
5702663036987

MECHANICAL

Packing QTY 10 pcs

Dimension 76 x 76 mm



R 77 DCB Termination resistor, w/DC blocker (75 W)

Art. No. 302066

EAN Number
5702663020665

MECHANICAL

Packing QTY 5 pcs

Accessories

for TRIAX outlets

Frames and surface mount for FUGA TD outlets



Frame 50 for TD - white

Art. No. 302026

EAN Number
5702663020269

MECHANICAL

Packing QTY 10 pcs

Dimension 50 x 77 mm



Frame 50 surface mount for TD - white

Art. No. 302046

EAN Number
5702663020467

MECHANICAL

Packing QTY 10 pcs

Dimension 50 x 77 mm

Frames for OPUS TD outlets



Frame 66x66 surface mount for OPUS TD - white

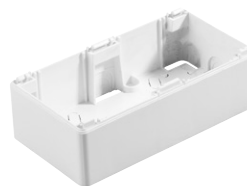
Art. No. 153140

EAN Number
5702661531408

MECHANICAL

Packing QTY 10 pcs

Dimension 66x25x66 mm



Frame 66x132 surface mount for OPUS TD - white

Art. No. 153143

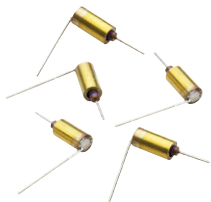
EAN Number
5702661531439

MECHANICAL

Packing QTY 10 pcs

Dimension 66x25x132 mm

Terminator for TRIAX outlets



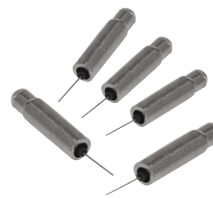
R 75 Termination resistor, no DC blocker (75 W)

Art. No. 342503

EAN Number
5702663425033

MECHANICAL

Packing QTY 5 pcs



R 77 Termination resistor, no DC blocker (75 W)

Art. No. 302065

EAN Number
5702663020658

MECHANICAL

Packing QTY 5 pcs

TRIAX® Splitters and Taps series

coaxial couplers for CATV, Terrestrial and Satellite distribution



Selection of 5 ranges

TRIAX has upgraded its coaxial Splitter and Taps assortment with a selection of application specific product families.

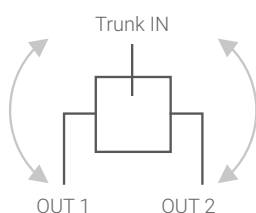
- **BONITA** which meets enhanced special characteristics for DOCSIS 3.1 operation in CATV networks. All ports on one side with extremely reliable brass NiTin F-connectors
- **PLATINUM** which meets enhanced special characteristics for DOCSIS 3.1 operation in CATV networks.
- **GOLD** for all-around use in SMATV, MATV and CATV applications up to 1 GHz
- **SILVER** preferred for SAT-IF and MATV applications.
- **OUTDOOR** fully weather proofed (IP54).

With TRIAX you can always find the right solution for your distribution system.

Splitters and Taps – The Basics

Splitter

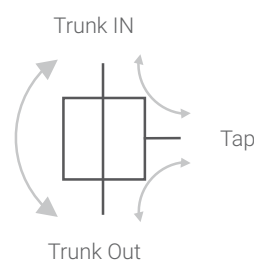
Splitters divide the signal from a trunk line into equal portions to the outputs.



Insertion Loss
Attenuation between
IN and OUT.

Tap

Taps divide a small portion of the signal on the trunk line to tap lines.



Insertion Loss
Attenuation between
Trunk IN and Trunk OUT.

Tap Loss
Attenuation between
Trunk IN and Tap.

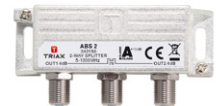
BONITA Range 1.3 GHz

The 'Bonita' series of taps and splitters is especially designed to connect drop cables in CATV network distribution cabinets located Outdoors.

The highly robust F-connectors fit the enclosure of the tap or splitter, allowing the connection of thicker trunk cables such as the RG 11 directly onto the device.

The unique form factor, with all ports in one line and on one side, saves on the space required in the cabinet for cabling, and reduces installation time and effort.

The state of the art RF transmission performance makes your network ready for DOCSIS operation now and in the future.



Your benefits

- No maintenance cost: the brass NiTin F-connectors function reliably and long term through all seasons.
- Future proof investment: ready for DOCSIS 3.1

TRIAX® Splitters and Taps series

the right choice

PLATINUM Range 1.2 GHz

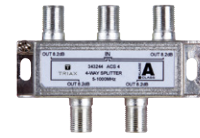
The TRIAX "PLATINUM" Splitter and Taps are State of the Art components for use in coaxial indoor networks of bi-directional CATV distribution systems. The enhanced product performance is preferred for use in futureproofed networks with DOCSIS 2.0 / 3.0 / 3.1 operation.



- Extended frequency range to 1.2 GHz
- Low intermodulation in return path (EN 60728-4)
- All ports are AC/DC blocked to avoid hum modulations.
- Die-cast enclosures with CuSn coating and soldered back plates provide very high shielding.
- High-quality F-connectors combined with CuSn coating create reliable connectivity and high ingress protection in humid environments.

GOLD Range 1.0 GHz

The TRIAX "GOLD" Splitters and Taps are used in standard coaxial CATV, SMATV and MATV networks operating with analogue PAL as well as digital DVB-C (QAM) and DTT (COFDM, DAB) signals.



- All ports are AC/DC blocked to avoid hum modulations.
- Die-cast enclosures with tin (Sn) coating and soldered back plates provide very high shielding.
- High-quality F-connectors combined with tin coating create reliable connectivity and high quality screening.
- Optional plastic brackets for passing the coaxial cable below the device and mounting vertically.

SILVER Range 2.4 GHz

The TRIAX "SILVER" Indoor Splitters and Taps are used in coaxial SAT-IF distribution networks operating with DVB-S/S2 (QPSK, 8PSK) and/or in MATV applications with DTT (COFDM, DAB) signals.



- All outputs of the splitters SCS are DC directed coupled via diodes to the input, the taps SCT pass DC power through the trunk path
- The die-cast enclosures are tin (Sn) coated and the back plates are soldered for very high shielding.
- Optional: plastic brackets for passing the coaxial cable below the device and for distribution of several SAT-IF lines by stacking the splitters.

TRIAX® BONITA 1.3 GHz splitters

premium DOCSIS 3.1 solution



Common Features – ABS Splitter series

- Ready for DOCSIS 2.0/3.0/3.1
- Frequency range 5...1300 MHz
- Low passive intermodulation
- All ports in one line and on one side
- Firm fixed F-connector NiTin inserts
- Connector inner-pin Beryllium Bronze
- Zinc die-cast housing with Cu/Sn plated with aluminium bottom plate
- Weatherproof housing and connectors

ABS 2, 2-way Splitter 1.3GHz

Art. No. 343150

EAN Number
5702663431508



ABS 4, 4-way Splitter 1.3GHz

Art. No. 343152

EAN Number
5702663431522



ABS 3, 3-way Splitter 1.3GHz

Art. No. 343151

EAN Number
5702663431515



ABS 6, 6-way Splitter 1.3GHz

Art. No. 343154

EAN Number
5702663431546



ABS 3AS, 3-way Splitter 1.3GHz

Art. No. 343153

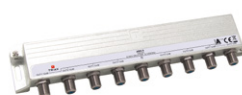
EAN Number
5702663431539



ABS 8, 8-way Splitter 1.3GHz

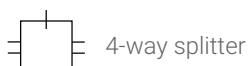
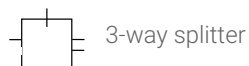
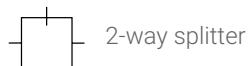
Art. No. 343155

EAN Number
5702663431553



TRIAX[®] BONITA splitters

for upgrading of distribution networks to DOCSIS 3.1



Type:	ABS 2 2-way Splitter 1.3GHz	ABS 3 3-way Splitter 1.3GHz	ABS 3AS 3-way Splitter 1.3GHz	ABS 4 4-way Splitter 1.3GHz	ABS 6 6-way Splitter 1.3GHz	ABS 8 8-way Splitter 1.3GHz
Art. No.	343150	343151	343153	343152	343154	343155
FREQUENCY						
Frequency range	5...1300MHz	5...1300MHz	5...1300MHz	5...1300MHz	5...1300MHz	5...1300MHz
LOSS						
Insertion loss (in-out) 5-470 MHz	≤3.7dB	≤5.8dB	≤5.8dB	≤7.1dB	≤9.3dB	≤10.7dB
Insertion loss (in-out) 470-862 MHz	≤3.9dB	≤6.1dB	≤6.1dB	≤7.6dB	≤10.0dB	≤11.4dB
Insertion loss (in-out) 862-1006 MHz	≤4.3dB	≤6.5dB	≤6.5dB	≤8.0dB	≤10.6dB	≤12.0dB
Insertion loss (in-out) 1006-1300 MHz	≤4.7dB	≤7.0dB	≤7.0dB	≤8.7dB	≤11.2dB	≤13.2dB
ISOLATION						
Isolation (tap-tap) 5-470 MHz	≥28dB	≥25dB	≥25dB	≥24dB	≥23dB	≥24dB
Isolation (tap-tap) 470-862 MHz	≥23dB	≥22dB	≥22dB	≥22dB	≥20dB	≥22dB
Isolation (tap-tap) 862-1006 MHz	≥22dB	≥20dB	≥20dB	≥20dB	≥20dB	≥20dB
Isolation (tap-tap) 1006-1300 MHz	≥20dB	≥18dB	≥18dB	≥20dB	≥18dB	≥20dB
RETURN LOSS						
Return Loss	22.0 (@47MHz 22-1.5/oct - min.14.5)dB					
ELECTRICAL						
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL						
EMC class	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB
Temperature - operating	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C
Weather Proof Rating	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
CONNECTORS						
Connector Type	F-female (IEC 61 169-24)					
Number of inputs	1	1	1	1	1	1
Number of outputs	2	3	3	4	6	8
MECHANICAL						
Product Depth	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm
Product Height	41.3mm	41.3mm	41.3mm	41.3mm	58mm	58mm
Product Width	86mm	110mm	110mm	151mm	220mm	220mm
Main Material	Zinc die-cast, Cu-Sn plated					
Packing QTY	1	1	1	1	1	1
Net Weight	0,102kg	0,129kg	0,129kg	0,175kg	0,286kg	0,304kg

TRIAX® BONITA 1.3 GHz, 1-way tap

premium DOCSIS 3.1 solution



Common Features – ABT Taps series

- Ready for DOCSIS 2.0/3.0/3.1
- Frequency range 5...1300 MHz
- Low passive intermodulation
- All ports in one line and on one side
- Firm fixed F-connector NiTiN inserts
- Connector inner-pin Beryllium Bronze
- Zinc die-cast housing with Cu/Sn plated with aluminium bottom plate
- Weatherproof housing and connectors



ABT 1-6, 1-way Tap 1.3GHz

Art. No. 343160

EAN Number
5702663431607



ABT 1-12, 1-way Tap 1.3GHz

Art. No. 343163

EAN Number
5702663431638



ABT 1-8, 1-way Tap 1.3GHz

Art. No. 343161

EAN Number
5702663431614



ABT 1-16, 1-way Tap 1.3GHz

Art. No. 343164

EAN Number
5702663431645



ABT 1-10, 1-way Tap 1.3GHz

Art. No. 343162

EAN Number
5702663431621



ABT 1-20, 1-way Tap 1.3GHz

Art. No. 343165

EAN Number
5702663431652

TRIAX® BONITA taps

for upgrading of distribution networks to DOCSIS 3.1



ABT 1-24, 1-way Tap 1.3GHz

Art. No. 343166

EAN Number
5702663431669

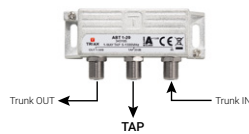


ABT 1-28, 1-way Tap 1.3GHz

Art. No. 343167

EAN Number
5702663431676

1-way tap



Type:	ABT 1-6, 1-way Tap 1.3GHz	ABT 1-8, 1-way Tap 1.3GHz	ABT 1-10, 1-way Tap 1.3GHz	ABT 1-12, 1-way Tap 1.3GHz	ABT 1-16, 1-way Tap 1.3GHz	ABT 1-20, 1-way Tap 1.3GHz	ABT 1-24, 1-way Tap 1.3GHz	ABT 1-28, 1-way Tap 1.3GHz
Art. No.	343160	343161	343162	343163	343164	343165	343166	343167
FREQUENCY								
Frequency range	5...1300MHz							
LOSS								
Insertion loss (in-out) 5-470 MHz	2.8dB	2.0dB	1.4dB	1.1dB	0.9dB	0.9dB	0.9dB	0.9dB
Insertion loss (in-out) 470-862 MHz	3.3dB	2.6dB	2.0dB	1.5dB	1.1dB	1.1dB	1.1dB	1.1dB
Insertion loss (in-out) 862-1006 MHz	3.5dB	2.8dB	2.3dB	1.7dB	1.3dB	1.3dB	1.3dB	1.3dB
Insertion loss (in-out) 1006-1300 MHz	3.6dB	3.4dB	3.1dB	2.5dB	2.3dB	2.3dB	2.3dB	2.3dB
Tap loss (in-tap) 5-1300 MHz	6.6	8.3	10.2	12.1	16.0	20.0	23.9	30.0
	±1.2dB	±1.2dB	±1.2dB	±1.2dB	±1.2dB	±1.2dB	±1.2dB	±1.2dB
ISOLATION								
Isolation (out-tap) 5-470 MHz	22dB	22dB	24dB	24dB	28dB	28dB	28dB	28dB
Isolation (out-tap) 470-862 MHz	20dB	20dB	21dB	22dB	23dB	24dB	26dB	27dB
Isolation (out-tap) 862-1006 MHz	20dB	20dB	20dB	21dB	22dB	22dB	24dB	25dB
Isolation (out-tap) 1006-1300 MHz	20dB	20dB	20dB	20dB	21dB	21dB	21dB	22dB
RETURN LOSS								
Return Loss	22.0 (@47MHz 22-1.5/oct - min.14.5)dB							
ELECTRICAL								
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL								
EMC class	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB
Temperature - operating	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C
Weather Proof Rating	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
CONNECTORS								
Connector Type	F-female (IEC 61 169-24)							
Number of inputs	1	1	1	1	1	1	1	1
Number of outputs	1	1	1	1	1	1	1	1
Number of taps	1	1	1	1	1	1	1	1
MECHANICAL								
Product Depth	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm
Product Height	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm
Product Width	86mm	86mm	86mm	86mm	86mm	86mm	86mm	86mm
Main Material	Zinc die-cast, Cu-Sn plated							
Packing QTY	1	1	1	1	1	1	1	1
Net Weight	0,102kg	0,102kg	0,102kg	0,102kg	0,102kg	0,102kg	0,102kg	0,102kg

TRIAX® BONITA 1.3 GHz, 2-way taps

premium DOCSIS 3.1 solution



Common Features – ABT Taps series

- Ready for DOCSIS 2.0/3.0/3.1
- Frequency range 5...1300 MHz
- Low passive intermodulation
- All ports in one line and on one side
- Firm fixed F-connector NiTin inserts
- Connector inner-pin Beryllium Bronze
- Zinc die-cast housing with Cu/Sn plated with aluminium bottom plate
- Weatherproof housing and connectors

ABT 2-8, 2-way Tap 1.3GHz

Art. No. 343168

EAN Number
5702663431683



ABT 2-16, 2-way Tap 1.3GHz

Art. No. 343171

EAN Number
5702663431713



ABT 2-10, 2-way Tap 1.3GHz

Art. No. 343169

EAN Number
5702663431690



ABT 2-20, 2-way Tap 1.3GHz

Art. No. 343172

EAN Number
5702663431720



ABT 2-12, 2-way Tap 1.3GHz

Art. No. 343170

EAN Number
5702663431706



TRIAX® BONITA taps

for upgrading of distribution networks to DOCSIS 3.1

ABT 2-24, 2-way Tap 1.3GHz

Art. No. 343173

EAN Number
5702663431737



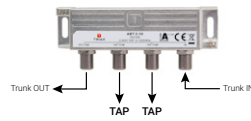
ABT 2-28, 2-way Tap 1.3GHz

Art. No. 343174

EAN Number
5702663431744



2-way tap



Type:	ABT 2-8, 2-way Tap 1.3GHz	ABT 2-10, 2-way Tap 1.3GHz	ABT 2-12, 2-way Tap 1.3GHz	ABT 2-16, 2-way Tap 1.3GHz	ABT 2-20, 2-way Tap 1.3GHz	ABT 2-24, 2-way Tap 1.3GHz	ABT 2-28, 2-way Tap 1.3GHz
Art. No.	343168	343169	343170	343171	343172	343173	343174
FREQUENCY							
Frequency range	5...1300MHz						
LOSS							
Insertion loss (in-out) 5-470 MHz	3.7dB	2.9dB	1.7dB	1.5dB	1.5dB	1.5dB	1.5dB
Insertion loss (in-out) 470-862 MHz	4.0dB	3.4dB	2.1dB	1.8dB	1.8dB	1.8dB	1.8dB
Insertion loss (in-out) 862-1006 MHz	4.3dB	3.6dB	2.3dB	2.1dB	2.1dB	2.1dB	2.1dB
Insertion loss (in-out) 1006-1300 MHz	5.4dB	4.5dB	2.9dB	2.7dB	2.7dB	2.7dB	2.7dB
Tap loss (in-tap) 5-1300 MHz	8.5 ±1.2dB	10.2 ±1.2dB	12.4 ±1.2dB	16.3 ±1.2dB	20.0 ±1.2dB	24.0 ±1.2dB	28.0 ±1.2dB
ISOLATION							
Isolation (tap-tap) 5-470 MHz	28dB	32dB	34dB	34dB	35dB	35dB	35dB
Isolation (tap-tap) 470-862 MHz	25dB	30dB	32dB	34dB	35dB	35dB	35dB
Isolation (tap-tap) 862-1006 MHz	24dB	28dB	30dB	32dB	33dB	35dB	35dB
Isolation (tap-tap) 1006-1300 MHz	22dB	25dB	25dB	28dB	31dB	34dB	34dB
Isolation (out-tap) 5-470 MHz	26dB	26dB	26dB	26dB	28dB	30dB	32dB
Isolation (out-tap) 470-862 MHz	23dB	23dB	23dB	23dB	24dB	25dB	27dB
Isolation (out-tap) 862-1006 MHz	21dB	21dB	21dB	22dB	22dB	24dB	26dB
Isolation (out-tap) 1006-1300 MHz	20dB	20dB	20dB	20dB	20dB	22dB	22dB
RETURN LOSS							
Return Loss	22.0 (@47MHz 22-1.5/oct - min.14.5)dB						
ELECTRICAL							
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL							
EMC class	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB
Temperature - operating	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C
Weather Proof Rating	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
CONNECTORS							
Connector Type	F-female (IEC 61 169-24)						
Number of inputs	1	1	1	1	1	1	1
Number of outputs	1	1	1	1	1	1	1
Number of taps	2	2	2	2	2	2	2
MECHANICAL							
Product Depth	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm
Product Height	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm
Product Width	110mm	110mm	110mm	110mm	110mm	110mm	110mm
Main Material	Zinc die-cast, Cu-Sn plated						
Packing QTY	1	1	1	1	1	1	1
Net Weight	0,128kg	0,128kg	0,128kg	0,128kg	0,128kg	0,128kg	0,128kg

TRIAX® BONITA 1.3 GHz, 3 & 4-way taps

premium DOCSIS 3.1 solution



Common Features – ABT Taps series

- Ready for DOCSIS 2.0/3.0/3.1
- Frequency range 5...1300 MHz
- Low passive intermodulation
- All ports in one line and on one side
- Firm fixed F-connector NiTin inserts
- Connector inner-pin Beryllium Bronze
- Zinc die-cast housing with Cu/Sn plated with aluminium bottom plate
- Weatherproof housing and connectors

ABT 3-16, 3-way Tap 1.3GHz

Art. No. 343175

EAN Number
5702663431751



ABT 4-12, 4-way Tap 1.3GHz

Art. No. 343177

EAN Number
5702663431775



ABT 3-20, 3-way Tap 1.3GHz

Art. No. 343176

EAN Number
5702663431768



ABT 4-16, 4-way Tap 1.3GHz

Art. No. 343178

EAN Number
5702663431782



ABT 4-20, 4-way Tap 1.3GHz

Art. No. 343179

EAN Number
5702663431799



TRIAX® BONITA taps

for upgrading of distribution networks to DOCSIS 3.1

ABT 4-24, 4-way Tap 1.3GHz

Art. No. 343180

EAN Number
5702663431805



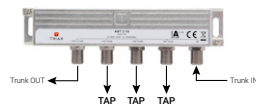
ABT 4-28, 4-way Tap 1.3GHz

Art. No. 343181

EAN Number
5702663431812



3-way tap



4-way tap



Type:	ABT 3-16, 3-way Tap 1.3GHz	ABT 3-20, 3-way Tap 1.3GHz	ABT 4-12, 4-way Tap 1.3GHz	ABT 4-16, 4-way Tap 1.3GHz	ABT 4-20, 4-way Tap 1.3GHz	ABT 4-24, 4-way Tap 1.3GHz	ABT 4-28, 4-way Tap 1.3GHz
Art. No.	343175	343176	343177	343178	343179	343180	343181
FREQUENCY							
Frequency range	5...1300MHz						
LOSS							
Insertion loss (in-out) 5-470 MHz	1.8dB	1.8dB	4.5dB	2.3dB	2.3dB	2.3dB	2.3dB
Insertion loss (in-out) 470-862 MHz	2.0dB	2.0dB	4.7dB	2.6dB	2.6dB	2.6dB	2.6dB
Insertion loss (in-out) 862-1006 MHz	2.2dB	2.2dB	5.2dB	3.0dB	3.0dB	3.0dB	3.0dB
Insertion loss (in-out) 1006-1300 MHz	3.1dB	3.1dB	5.1dB	3.9dB	3.9dB	3.9dB	3.9dB
Tap loss (in-tap) 5-1300 MHz	16.1 ±1.2dB	20.1 ±1.2dB	12.4 ±1.5dB	16.2 ±1.5dB	20.0 ±1.5dB	24.0 ±1.5dB	28.0 ±1.5dB
ISOLATION							
Isolation (tap-tap) 5-470 MHz	34dB	34dB	34dB	36dB	38dB	38dB	40dB
Isolation (tap-tap) 470-862 MHz	32dB	32dB	32dB	34dB	36dB	36dB	38dB
Isolation (tap-tap) 862-1006 MHz	32dB	32dB	30dB	32dB	34dB	34dB	36dB
Isolation (tap-tap) 1006-1300 MHz	30dB	30dB	28dB	30dB	32dB	32dB	34dB
Isolation (out-tap) 5-470 MHz	24dB	28dB	24dB	24dB	24dB	25dB	25dB
Isolation (out-tap) 470-862 MHz	22dB	22dB	22dB	21dB	21dB	24dB	24dB
Isolation (out-tap) 862-1006 MHz	21dB	21dB	20dB	21dB	21dB	22dB	22dB
Isolation (out-tap) 1006-1300 MHz	20dB	20dB	20dB	20dB	20dB	20dB	20dB
RETURN LOSS							
Return Loss	22.0 (@47MHz 22-1.5/oct - min.14.5)dB						
ELECTRICAL							
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL							
EMC class	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB
Temperature - operating	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C	-20...60°C
Weather Proof Rating	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67	IP 67
CONNECTORS							
Connector Type	F-female (IEC 61 169-24)						
Number of inputs	1	1	1	1	1	1	1
Number of outputs	1	1	1	1	1	1	1
Number of taps	3	3	4	4	4	4	4
MECHANICAL							
Product Depth	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm	26.6mm
Product Height	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm	41.3mm
Product Width	151mm	151mm	151mm	151mm	151mm	151mm	151mm
Main Material	Zinc die-cast, Cu-Sn plated						
Packing QTY	1	1	1	1	1	1	1
Net Weight	0,000kg	0,128kg	0,179kg	0,179kg	0,179kg	0,179kg	0,179kg

TRIAX® BONITA 1.3 GHz, 4, 6 & 8-ways taps

premium DOCSIS 3.1 solution



Common Features – ABT Taps series

- Ready for DOCSIS 2.0/3.0/3.1
- Frequency range 5...1300 MHz
- Low passive intermodulation
- All ports in one line and on one side
- Firm fixed F-connector NiTin inserts
- Connector inner-pin Beryllium Bronze
- Zinc die-cast housing with Cu/Sn plated with aluminium bottom plate
- Weatherproof housing and connectors

ABT 4-12T, 4-way Tap 1.3GHz

Art. No. 343186
EAN Number
5702663431867



ABT 8-16T, 8-way Tap 1.3GHz

Art. No. 343184
EAN Number
5702663431843



ABT 6-14T, 6-way Tap 1.3GHz

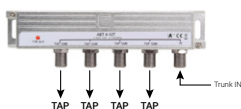
Art. No. 343182
EAN Number
5702663431829



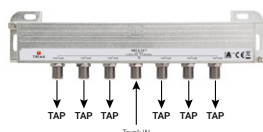
TRIAX® BONITA taps

for upgrading of distribution networks to DOCSIS 3.1

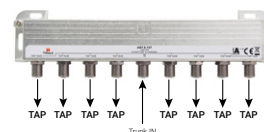
4-way T-tap



6-way T-tap



8-way T-tap



Type:	ABT 4-12T	ABT 6-14T	ABT 8-16T
	4-way Tap	6-way Tap	8-way Tap
	1.3GHz	1.3GHz	1.3GHz
Art. No.	343186	343182	343184
FREQUENCY			
Frequency range	5...1300MHz	5...1300MHz	5...1300MHz
LOSS			
Tap loss (in-tap) 5-1300 MHz	12,4 ±1.5dB	14.1 ±1.5dB	15.8 ±1.5dB
ISOLATION			
Isolation (tap-tap) 5-470 MHz	34dB	34dB	36dB
Isolation (tap-tap) 470-862 MHz	32dB	32dB	32dB
Isolation (tap-tap) 862-1006 MHz	30dB	30dB	30dB
Isolation (tap-tap) 1006-1300 MHz	28dB	28dB	28dB
RETURN LOSS			
Return Loss	22.0 (@47MHz 22-1.5/oct - min.14.5)dB		
ELECTRICAL			
Impedance	75Ω	75Ω	75Ω
OPERATIONAL			
EMC class	A +10dB	A +10dB	A +10dB
Temperature - operating	-20...60°C	-20...60°C	-20...60°C
Weather Proof Rating	IP 67	IP 67	IP 67
CONNECTORS			
Connector Type	F-female (IEC 61 169-24)		
Number of inputs	1	1	1
Number of outputs	1	1	1
Number of taps	4	6	8
MECHANICAL			
Product Depth	26.6mm	26.6mm	26.6mm
Product Height	41mm	58mm	58mm
Product Width	151mm	220mm	220mm
Extra high bracket	Optional		
Main Material	Zinc die-cast, Cu-Sn plated		
Packing QTY	1	1	1
Weight	0,174kg	0,289kg	0,305kg

TRIAX® Platinum 1.2 GHz splitters

for CATV bi-directional distribution networks, with DOCSIS



Common Features – VFC Splitter series

Enhanced product characteristics including low intermodulation, extended frequency range and mechanical performance for use in future proofed CATV networks.

- Excellent performance for CATV with DOCSIS 2.0/3.0/3.1 operation
- Frequency range 5 MHz up to 1.2 GHz
- High shielding of 110 dB
- Low intermodulation <15 dBμV after surge @ output level 120 dBμV on return path
- All ports AC/DC blocked at inner conductor
- Return loss Grade 2 (>18 dB)
- F- female connectors, EN 61169-24 compliant, spring clips brazen of phosphor bronze tin plated
- Die-cast housing with high quality (CuSn) coating
- Meets EN 50083-2, EN 60728-4

VFC 0421 - 2 way splitter

Art. No. 343012

EAN Number
5702663430129



VFC 1061 - 6 way splitter

Art. No. 343016

EAN Number
5702663430167



VFC 0631 - 3 way splitter

Art. No. 343013

EAN Number
5702663430136



VFC 1281 - 8 way splitter

Art. No. 343018

EAN Number
5702663430181



VFC 0741 - 4 way splitter

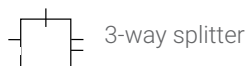
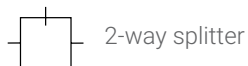
Art. No. 343014

EAN Number
5702663430143



TRIAX[®] Platinum splitters

for upgrading of distribution networks to DOCSIS 3.1



Type:	VFC 0421 2 way splitter	VFC 0631 3 way splitter	VFC 0741 4 way splitter	VFC 1061 6 way splitter	VFC 1281 8 way splitter
Art. No.	343012	343013	343014	343016	343018
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
FREQUENCY					
Frequency range	5...1218MHz	5...1218MHz	5...1218MHz	5...1218MHz	5...1218MHz
LOSS					
Insertion loss (in-out) 5-40 MHz	3.4 ±0.5dB	5.4 ±0.6dB	7.3 ±0.5dB	10.1 ±0.5dB	11.8 ±0.5dB
Insertion loss (in-out) 40-470 MHz	3.4 ±0.5dB	5.4 ±0.6dB	7.3 ±0.5dB	10.1 ±0.5dB	11.8 ±0.5dB
Insertion loss (in-out) 470-860 MHz	3.7 ±0.7dB	5.5 ±1.0dB	7.5 ±1.0dB	10.2 ±1.0dB	11.8 ±0.7dB
Insertion loss (in-out) 860-1000 MHz	3.7 ±0.7dB	5.8±0.9dB	7.5 ±1.0dB	11.0 ±1.0dB	12.0 ±1.0dB
Insertion loss (in-out) 1000-1200 MHz	4.1 ±1.0dB	6.7±1.3dB	8.3 ±1.2dB	12.8 ±1.2dB	13.8 ±1.2dB
ISOLATION					
Isolation (tap-tap) 5-40 MHz	> 24dB	> 24dB	> 26dB	> 22dB	> 22dB
Isolation (tap-tap) 40-470 MHz	> 24dB	> 24dB	> 24dB	> 22dB	> 22dB
Isolation (tap-tap) 470-860 MHz	> 20dB	> 22dB	> 20dB	> 20dB	> 20dB
Isolation (tap-tap) 860-1000 MHz	> 20dB	> 20dB	> 18dB	> 20dB	> 20dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	> 18dB	> 20dB	> 20dB	> 18dB	> 18dB
Return loss (in-out) 40-470 MHz	> 20dB	> 20dB	> 20dB	> 20dB	> 20dB
Return loss (in-out) 470-860 MHz	> 18dB	> 16dB	> 18dB	> 16dB	> 16dB
Return loss (in-out) 860-1000 MHz	> 18dB	> 16dB	> 18dB	> 16dB	> 16dB
Return loss (in-out) 1000-1200 MHz	> 12dB	> 12dB	> 12dB	> 12dB	> 12dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Certification	CE, RoHS, EN 60728-4				
DC Passthrough	NO - DC blocked at inner conductor				
DOCSIS	3.1	3.1	3.1	3.1	3.1
EMC class	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB
CONNECTORS					
Connector Type	F-female (IEC 61 169-24)				
Number of inputs	1	1	1	1	1
Number of outputs	2	3	4	6	8
MECHANICAL					
Product Depth	20mm	20mm	20mm	40.3mm	40.3mm
Product Width	40.6mm	69.7mm	69.7mm	135mm	135mm
Product Height	52.5mm	52.5mm	52.5mm	61.1mm	61.1mm
Main Material	Zinc Die-casting, CuSn plated				
Packing QTY	1	1	1	1	1
Net Weight	0.055kg	0.078kg	0.200kg	0.300kg	0.310kg

TRIAX[®] Platinum 1.2 GHz, 1-way tap

for CATV bi-directional distribution networks, with DOCSIS



Common Features – AFC Tap series

Enhanced product characteristics including low intermodulation, extended frequency range and mechanical performance for use in future proofed CATV networks.

- Excellent performance for CATV with DOCSIS 2.0/3.0/3.1 operation
- Frequency range 5 MHz up to 1.2 GHz
- High shielding of 110 dB
- Low intermodulation <15 dB μ V after surge @ output level 120 dB μ V on return path
- All ports AC/DC blocked at inner conductor
- Return loss Grade 2 (>18 dB)
- F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
- Die-cast housing with high quality (CuSn) coating
- Meets EN 50083-2, EN 60728-4



AFC 0611 - 1 way tap

Art. No. 343100

EAN Number
5702663431003



AFC 1611 - 1 way tap

Art. No. 343103

EAN Number
5702663431034



AFC 0811 - 1 way tap

Art. No. 343101

EAN Number
5702663431010



AFC 2011 - 1 way tap

Art. No. 343104

EAN Number
5702663431041



AFC 1211 - 1 way tap

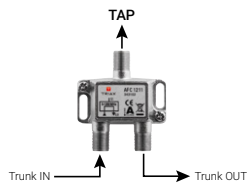
Art. No. 343102

EAN Number
5702663431027

TRIAX® Platinum taps

frequency range 5...1200 MHz

1-way tap



Type:	AFC 0611	AFC 0811	AFC 1211	AFC 1611	AFC 2011
Art. No.	343100	343101	343102	343103	343104
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
FREQUENCY					
Frequency range	5...1218MHz	5...1218MHz	5...1218MHz	5...1218MHz	5...1218MHz
LOSS					
Insertion loss (in-out) 5-40 MHz	2.1 ±0.5dB	1.3 ±0.5dB	0.7 ±0.5dB	0.5 ±0.4dB	0.5 ±0.3dB
Insertion loss (in-out) 40-470 MHz	2.1 ±0.5dB	1.3 ±0.5dB	0.7 ±0.5dB	0.5 ±0.4dB	0.5 ±0.3dB
Insertion loss (in-out) 470-860 MHz	2.3 ±0.5dB	1.7 ±0.3dB	0.9 ±0.5dB	0.6 ±0.5dB	0.6 ±0.4dB
Insertion loss (in-out) 860-1000 MHz	2.4 ±0.6dB	1.7 ±0.5dB	0.9 ±0.7dB	0.7 ±0.4dB	0.6 ±0.4dB
Insertion loss (in-out) 1000-1200 MHz	3.0 ±0.7dB	2.0 ±0.5dB	1.2 ±0.6dB	1.0 ±0.4dB	0.9 ±0.4dB
Tap loss (in-tap) 5-40 MHz	7 ±1dB	8.5dB	12dB	16dB	20.5dB
Tap loss (in-tap) 40-470 MHz	7 ±1dB	8.5dB	12dB	16dB	20.5dB
Tap loss (in-tap) 470-860 MHz	7dB	8.5dB	12dB	16dB	20.5dB
Tap loss (in-tap) 860-1000 MHz	7±1dB	8.5 ± 1dB	12 ± 1dB	16 ± 1dB	20.5 ± 1dB
Tap loss (in-tap) 1000-1200 MHz	7± 1.2dB	8.5 ± 1.2dB	12 ± 2dB	16 ± 2dB	20.5 ± 2dB
ISOLATION					
Isolation (out-tap) 5-40 MHz	28dB	30dB	32dB	36dB	40dB
Isolation (out-tap) 40-470 MHz	24dB	28dB	30dB	32dB	35dB
Isolation (out-tap) 470-860 MHz	22dB	26dB	28dB	30dB	33dB
Isolation (out-tap) 860-1000 MHz	20dB	24dB	26dB	30dB	33dB
Isolation (out-tap) 1000-1200 MHz	20dB	22dB	24dB	27dB	29dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	22dB	20dB	22dB	22dB	22dB
Return loss (in-out) 40-470 MHz	18dB	20dB	18dB	18dB	18dB
Return loss (in-out) 470-860 MHz	16dB	16dB	16dB	18dB	16dB
Return loss (in-out) 860-1000 MHz	16dB	16dB	14dB	18dB	16dB
Return loss (in-out) 1000-1200 MHz	14dB	14dB	12dB	14dB	14dB
Return loss (tap) 5-40 MHz	22dB	20dB	22dB	22dB	22dB
Return loss (tap) 40-470 MHz	22dB	20dB	22dB	18dB	22dB
Return loss (tap) 470-860 MHz	20dB	16dB	18dB	18dB	22dB
Return loss (tap) 860-1000 MHz	16dB	16dB	16dB	18dB	20dB
Return loss (tap) 1000-1200 MHz	14dB	14dB	12dB	14dB	18dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Certification	CE, RoHS, EN 60728-4				
DC Passthrough	NO - DC blocked at inner conductor				
DOCSIS	3.1	3.1	3.1	3.1	3.1
EMC class	A +10dB	A +10dB	A +10dB	A +10dB	A +10dB
CONNECTORS					
Connector Type	F-female (IEC 61 169-24)				
Number of inputs	1	1	1	1	1
Number of outputs	1	1	1	1	1
Number of taps	1	1	1	1	1
MECHANICAL					
Product Depth	20mm	20mm	20mm	20mm	20mm
Product Width	47.8mm	47.8mm	47.8mm	47.8mm	47.8mm
Product Height	52.5mm	52.5mm	52.5mm	52.5mm	52.5mm
Main Material	Zinc Die-casting CuSn plated				
Packing QTY	1	1	1	1	1
Net Weight	0,055kg	0,055kg	0,055kg	0,055kg	0,055kg

TRIAX® Platinum 1.2 GHz, 2-way tap

for CATV bi-directional distribution networks, with DOCSIS



Common Features – AFC Tap series

Enhanced product characteristics including low intermodulation, extended frequency range and mechanical performance for use in future proofed CATV networks.

- Excellent performance for CATV with DOCSIS 2.0/3.0/3.1 operation
- Frequency range 5 MHz up to 1.2 GHz
- High shielding of 110 dB
- Low intermodulation <15 dB μ V after surge @ output level 120 dB μ V on return path
- All ports AC/DC blocked at inner conductor
- Return loss Grade 2 (>18 dB)
- F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
- Die-cast housing with high quality (CuSn) coating
- Meets EN 50083-2, EN 60728-4



AFC 0921 - 2 way tap

Art. No. 343131

EAN Number
5702663431317



AFC 1621 - 2 way tap

Art. No. 343133

EAN Number
5702663431331



AFC 1221 - 2 way tap

Art. No. 343132

EAN Number
5702663431324



AFC 2021 - 2 way tap

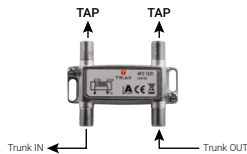
Art. No. 343134

EAN Number
5702663431348

TRIAx® Platinum taps

frequency range 5...1200 MHz

2-way tap



Type:	AFC 0921	AFC 1221	AFC 1621	AFC 2021
Art. No.	343131	343132	343133	343134
SHIELDING				
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB
FREQUENCY				
Frequency range	5...1218MHz	5...1218MHz	5...1218MHz	5...1218MHz
LOSS				
Insertion loss (in-out) 5-40 MHz	2.6 ±1.3dB	1.4 ±0.3dB	0.8 ±0.5dB	0.8 ±0.5dB
Insertion loss (in-out) 40-470 MHz	2.6 ±1.3dB	1.4 ±0.4dB	0.8 ±0.5dB	0.8 ±0.5dB
Insertion loss (in-out) 470-860 MHz	3.0 ±0.9dB	1.5 ±0.5dB	1.0 ±0.6dB	1.0 ±0.4dB
Insertion loss (in-out) 860-1000 MHz	3.2 ±1.1dB	1.6 ±0.6dB	1.2 ±0.6dB	1.0 ±0.6dB
Insertion loss (in-out) 1000-1200 MHz	4.3 ±0.7dB	1.9 ±0.6dB	1.7 ±0.5dB	1.6 ±0.7dB
Tap loss (in-tap) 5-40 MHz	8.5dB	13dB	16.5dB	20.5 ±1.2dB
Tap loss (in-tap) 5-40 MHz	8.5dB	13dB	16.5dB	20.5 ±1.2dB
Tap loss (in-tap) 470-860 MHz	8.5dB	13dB	16.5dB	20.5dB
Tap loss (in-tap) 860-1000 MHz	8.5dB	13dB	16.5 ±1.2dB	20.5dB
Tap loss (in-tap) 1000-1200 MHz	8.5 ±2dB	13 ±2dB	16.5 ±2.0dB	20.5 ±2.0dB
ISOLATION				
Isolation (out-tap) 5-40 MHz	28dB	30dB	36dB	36dB
Isolation (out-tap) 40-470 MHz	24dB	26dB	30dB	32dB
Isolation (out-tap) 470-860 MHz	22dB	24dB	28dB	32dB
Isolation (out-tap) 860-1000 MHz	22dB	24dB	28dB	30dB
Isolation (out-tap) 1000-1200 MHz	20dB	20dB	25dB	26dB
Isolation (tap-tap) 5-40 MHz	36dB	42dB	46dB	54dB
Isolation (tap-tap) 40-470 MHz	32dB	40dB	46dB	50dB
Isolation (tap-tap) 470-860 MHz	30dB	40dB	42dB	50dB
Isolation (tap-tap) 860-1000 MHz	30dB	34dB	36dB	36dB
Isolation (tap-tap) 1000-1200 MHz	25dB	30dB	36dB	36dB
RETURN LOSS				
Return loss (in-out) 5-40 MHz	20dB	20dB	22dB	22dB
Return loss (in-out) 40-470 MHz	18dB	18dB	18dB	18dB
Return loss (in-out) 470-860 MHz	18dB	18dB	16dB	16dB
Return loss (in-out) 860-1000 MHz	16dB	16dB	16dB	16dB
Return loss (in-out) 1000-1200 MHz	12dB	12dB	12dB	12dB
Return loss (tap) 5-40 MHz	22dB	22dB	22dB	22dB
Return loss (tap) 40-470 MHz	18dB	18dB	18dB	18dB
Return loss (tap) 470-860 MHz	16dB	16dB	16dB	16dB
Return loss (tap) 860-1000 MHz	14dB	16dB	14dB	14dB
Return loss (tap) 1000-1200 MHz	12dB	12dB	12dB	12dB
ELECTRICAL				
Impedance	75Ω	75Ω	75Ω	75Ω
OPERATIONAL				
Certification	CE, RoHS, EN 60728-4			
DC Passthrough	NO - DC blocked at inner conductor			
DOCSIS	3.1	3.1	3.1	3.1
EMC class	A +10dB	A +10dB	A +10dB	A +10dB
CONNECTORS				
Connector Type	F-female (IEC 61 169-24)			
Number of inputs	1	1	1	1
Number of outputs	1	1	1	1
Number of taps	2	2	2	2
MECHANICAL				
Product Depth	20mm	20mm	20mm	20mm
Product Width	69.7mm	69.7mm	69.7mm	69.7mm
Product Height	52.5mm	52.5mm	52.5mm	52.5mm
Main Material	Zinc Die-casting CuSn plated			
Packing QTY	1	1	1	1
Net Weight	0,078kg	0,078kg	0,078kg	0,078kg

TRIAX[®] Platinum 1.2 GHz, 4, 6, 8-way tap

for CATV bi-directional distribution networks, with DOCSIS



Common Features – AFC Tap series

Enhanced product characteristics including low intermodulation, extended frequency range and mechanical performance for use in future proofed CATV networks.

- Excellent performance for CATV with DOCSIS 2.0/3.0/3.1 operation
- Frequency range 5 MHz up to 1.2 GHz
- High shielding of 110 dB
- Low intermodulation <15 dBμV after surge @ output level 120 dBμV on return path
- All ports AC/DC blocked at inner conductor
- Return loss Grade 2 (>18 dB)
- F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
- Die-cast housing with high quality (CuSn) coating
- Meets EN 50083-2, EN 60728-4

AFC 1241 - 4 way tap

Art. No. 343135

EAN Number
5702663431355



AFC 1661 - 6 way tap

Art. No. 343137

EAN Number
5702663431379



AFC 1641 - 4 way tap

Art. No. 343136

EAN Number
5702663431362



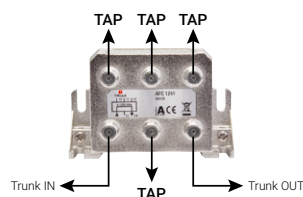
AFC 1681 - 8 way tap

Art. No. 343138

EAN Number
5702663431386



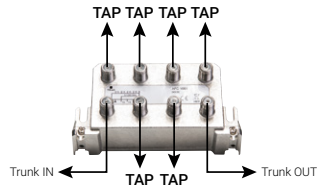
4-way tap



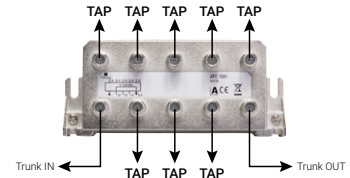
TRIAx® Platinum taps

frequency range 5...1200 MHz

6-way tap



8-way tap



Type:	AFC 1241 4 way tap	AFC 1641 4 way tap	AFC 1661 6 way tap	AFC 1681 8 way tap
Art. No.	343135	343136	343137	343138
SHIELDING				
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB
FREQUENCY				
Frequency range	5...1218MHz	5...1218MHz	5...1218MHz	5...1218MHz
LOSS				
Insertion loss (in-out) 5-40 MHz	4.6 ±0.5dB	2.5 ±0.5dB	6.0 ± 0.5dB	8.0 ±0.5dB
Insertion loss (in-out) 40-470 MHz	4.6 ±0.5dB	2.5 ±0.5dB	6.0 ±0.5dB	8.0 ±0.7dB
Insertion loss (in-out) 470-860 MHz	4.6 ±1.0dB	3.0 ±0.6dB	6.0 ±1.0dB	8.0 ±1.0dB
Insertion loss (in-out) 860-1000 MHz	4.6 ±1.2dB	3.0 ±0.7dB	6.0 ±1.2dB	8.0 ±1.2dB
Insertion loss (in-out) 1000-1200 MHz	4.6 ±2.0dB	3.0 ±1.5dB	6.0 ±2.0dB	8.0 ±2.0dB
Tap loss (in-tap) 5-40 MHz	12 ± 1dB	16.5 ± 1dB	16 ± 1dB	16 ± 1dB
Tap loss (in-tap) 40-470 MHz	12 ± 1dB	16.5 ± 1dB	16 ± 1dB	16 ± 1dB
Tap loss (in-tap) 470-860 MHz	12 ± 1dB	16.5 ± 1dB	16 ± 1dB	16 ± 1dB
Tap loss (in-tap) 860-1000 MHz	12 ± 1.2dB	16.5 ± 1.2dB	16 ± 1.2dB	16 ± 1.2dB
Tap loss (in-tap) 1000-1200 MHz	12 ± 2dB	16.5 ± 2dB	16 ± 2dB	16 ± 2dB
ISOLATION				
Isolation (out-tap) 5-40 MHz	30dB	32dB	30dB	30dB
Isolation (out-tap) 40-470 MHz	26dB	28dB	30dB	26dB
Isolation (out-tap) 470-860 MHz	26dB	26dB	26dB	25dB
Isolation (out-tap) 860-1000 MHz	24dB	25dB	26dB	24dB
Isolation (out-tap) 1000-1200 MHz	20dB	25dB	23dB	23dB
Isolation (tap-tap) 5-40 MHz	38dB	40dB	40dB	40dB
Isolation (tap-tap) 40-470 MHz	38dB	40dB	40dB	36dB
Isolation (tap-tap) 470-860 MHz	32dB	36dB	36dB	35dB
Isolation (tap-tap) 860-1000 MHz	30dB	30dB	32dB	30dB
Isolation (tap-tap) 1000-1200 MHz	28dB	30dB	32dB	30dB
RETURN LOSS				
Return loss (in-out) 5-40 MHz	20dB	20dB	20dB	20dB
Return loss (in-out) 40-470 MHz	18dB	18dB	18dB	18dB
Return loss (in-out) 470-860 MHz	18dB	16dB	16dB	16dB
Return loss (in-out) 860-1000 MHz	16dB	16dB	16dB	16dB
Return loss (in-out) 1000-1200 MHz	12dB	12dB	12dB	12dB
Return loss (tap) 5-40 MHz	20dB	20dB	20dB	20dB
Return loss (tap) 40-470 MHz	18dB	18dB	18dB	18dB
Return loss (tap) 470-860 MHz	16dB	16dB	16dB	16dB
Return loss (tap) 860-1000 MHz	16dB	16dB	16dB	16dB
Return loss (tap) 1000-1200 MHz	12dB	12dB	12dB	12dB
ELECTRICAL				
Impedance	75Ω	75Ω	75Ω	75Ω
OPERATIONAL				
Certification	CE, RoHS, EN 60728-4			
DC Passthrough	NO - DC blocked at inner conductor			
DOCSIS	3.1	3.1	3.1	3.1
EMC class	A +10dB	A +10dB	A +10dB	A +10dB
CONNECTORS				
Connector Type	F-female (IEC 61 169-24)			
Number of inputs	1	1	1	1
Number of outputs	1	1	1	1
Number of taps	4	4	6	8
MECHANICAL				
Product Depth	40.3mm	40.3mm	40.3mm	40.3mm
Product Width	91mm	91mm	135mm	135mm
Product Height	60.9mm	60.9mm	61.1mm	61.1mm
Main Material	Zinc Die-casting CuSn plated			
Packing QTY	1	1	1	1
Net Weight	0,200kg	0,200kg	0,300kg	0,310kg

TRIAX® Gold 1.0 GHz splitters

for indoor CATV, SMATV, MATV distribution networks



Common Features – ACS Splitter series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
 - Return loss Grade 2 (>18dB)
 - F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
 - Die-cast housing with tin (Sn) coating
 - Meets EN 50083-2 and EN 60728-4
- More data on our website – www.TRIAX.com



ACS 2 - 2 way splitter

Art. No. 343242

EAN Number
5702663432420



ACS 6 - 6 way splitter

Art. No. 343246

EAN Number
5702663432468



ACS 3 - 3 way splitter

Art. No. 343243

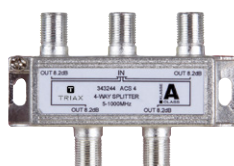
EAN Number
5702663432437



ACS 8 - 8 way splitter

Art. No. 343248

EAN Number
5702663432482



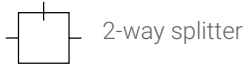
ACS 4 - 4 way splitter

Art. No. 343244

EAN Number
5702663432444

TRIAX® Gold splitters

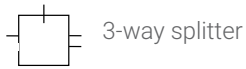
frequency range 5...1000 MHz



2-way splitter



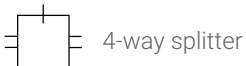
6-way splitter



3-way splitter



8-way splitter



4-way splitter

Type:	ACS 2 2 way splitter	ACS 3 3 way splitter	ACS 4 4 way splitter	ACS 6 6 way splitter	ACS 8 8 way splitter
Art. no.	343242	343243	343244	343246	343248
FREQUENCY					
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS					
Tap loss (in-tap) 5-40 MHz	3.5dB	6.0dB	7.0dB	10.0dB	10.5dB
Tap loss (in-tap) 40-470 MHz	3.6dB	5.8dB	7.5dB	10.2dB	10.5dB
Tap loss (in-tap) 470-860 MHz	3.6dB	6.5dB	8.2dB	10.5dB	12.3dB
Tap loss (in-tap) 860-1000 MHz	4.0dB	6.5dB	8.2dB	11.5dB	12.8dB
ISOLATION					
Isolation (tap-tap) 5-40 MHz	30dB	25dB	27dB	25dB	25dB
Isolation (tap-tap) 40-470 MHz	32dB	30dB	30dB	26dB	26dB
Isolation (tap-tap) 470-860 MHz	28dB	24dB	26dB	26dB	26dB
Isolation (tap-tap) 860-1000 MHz	28dB	23dB	25dB	24dB	24dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	22dB	21dB	20dB	20dB	20dB
Return loss (in-out) 40-470 MHz	21dB	20dB	20dB	19dB	19dB
Return loss (in-out) 470-860 MHz	21dB	20dB	20dB	18dB	18dB
Return loss (in-out) 860-1000 MHz	20dB	20dB	18dB	17dB	17dB
Return loss (tap) 5-40 MHz	22dB	21dB	20dB	20dB	20dB
Return loss (tap) 40-470 MHz	21dB	20dB	20dB	19dB	19dB
Return loss (tap) 470-860 MHz	21dB	20dB	20dB	18dB	18dB
Return loss (tap) 860-1000 MHz	20dB	20dB	18dB	17dB	17dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Screening Efficiency	Class A	Class A	Class A	Class A	Class A
CONNECTORS					
Connector Type	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1
Number of outputs	2	3	4	6	8
MECHANICAL					
Product Depth	16mm	16mm	16mm	16mm	16mm
Product Height	50.5mm	50.5mm	50.5mm	57.2mm	57.2mm
Product Width	57.2mm	75.1mm	75.1mm	118.0mm	118.0mm
Bracket (optional)	1x ACB-S	1x ACB-M	1x ACB-M	1x ACB-XL	1x ACB-XL
Main Material	Art No 343232	Art No 343233	Art No 343233	Art No 343235	Art No 343235
	Zinc die-casting bright tin plated				
Packing QTY	1	1	1	1	1
Net Weight	0.040kg	0.050kg	0.062kg	0.120kg	0.130kg

TRIAX® Gold 1.0 GHz splitters

for indoor SMATV / MATV distribution networks



Common Features – ACV Splitter series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
 - Return loss Grade 2 (>18dB)
 - F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
 - Die-cast housing with tin (Sn) coating
 - Meets EN 50083-2 and EN 60728-4
- More data on our website – www.TRIAX.com

ACV 4 - 4 way splitter

Art. No. 343252

EAN Number
5702663432529



ACV 12 - 12 way splitter

Art. No. 343255

EAN Number
5702663432550



ACV 6 - 6 way splitter

Art. No. 343253

EAN Number
5702663432536



ACV 16 - 16 way splitter

Art. No. 343256

EAN Number
5702663432567



ACV 8 - 8 way splitter

Art. No. 343254

EAN Number
5702663432543

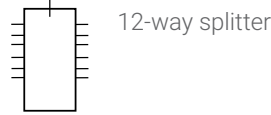


TRIAX® Gold splitters

frequency range 5...1000 MHz



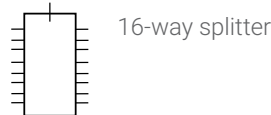
4-way splitter



12-way splitter



6-way splitter



16-way splitter



8-way splitter

Type:	ACV 4 4 way splitter	ACV 6 6 way splitter	ACV 8 8 way splitter	ACV 12 12 way splitter	ACV 16 16 way splitter
Art. No.	343252	343253	343254	343255	343256
FREQUENCY					
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS					
Tap loss (in-tap) 5-40 MHz	12.3dB	14.5dB	6.8dB	9.3dB	10.2dB
Tap loss (in-tap) 40-470 MHz	12.5dB	14.8dB	7.2dB	9.8dB	10.7dB
Tap loss (in-tap) 470-860 MHz	14.5dB	16.2dB	8.0dB	10.7dB	11.8dB
Tap loss (in-tap) 860-1000 MHz	14.5dB	16.2dB	8.2dB	11.2dB	12.2dB
ISOLATION					
Isolation (tap-tap) 5-40 MHz	26dB	25dB	27dB	27dB	27dB
Isolation (tap-tap) 40-470 MHz	26dB	26dB	30dB	28dB	28dB
Isolation (tap-tap) 470-860 MHz	23dB	23dB	27dB	27dB	27dB
Isolation (tap-tap) 860-1000 MHz	23dB	23dB	27dB	24dB	24dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	17dB	16dB	22dB	20dB	20dB
Return loss (in-out) 40-470 MHz	20dB	18dB	22dB	22dB	22dB
Return loss (in-out) 470-860 MHz	17dB	17dB	22dB	20dB	20dB
Return loss (in-out) 860-1000 MHz	17dB	17dB	22dB	20dB	20dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Certification	CE, RoHS, EN 60728-4				
DC Passthrough	NO - DC blocked at inner conductor				
CONNECTORS					
Connector Type	F-female				
Number of inputs	1	1	1	1	1
Number of outputs	4	6	8	12	16
MECHANICAL					
Product Depth	27.0mm	34.5mm	34.5mm	78.0mm	78.0mm
Product Width	70.5mm	92.5mm	114.5mm	240.0mm	240.0mm
Product Height	34.5mm	34.5mm	34.5mm	44.0mm	44.0mm
Bracket (optional)	2x ACB-V	2x ACB-V	2x ACB-V		
	Art No 343236	Art No 343236	Art No 343236		
Main Material	Zinc die-casting, bright tin plated			Alu alloy die cast housing	
Packing QTY	1	1	1	1	1
Net Weight	0,150kg	0,200kg	0,230kg	0,540kg	0,560kg

TRIAX® Gold 1.0 GHz, 1-way tap

for indoor SMATV / MATV distribution networks



Common Features – ACT Taps series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
 - Return loss Grade 2 (>18dB)
 - F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
 - Die-cast housing with tin (Sn) coating
 - Meets EN 50083-2 and EN 60728-4
- More data on our website – www.TRIAX.com



ACT 1-6 - 1 way tap

Art. No. 343258

EAN Number
5702663432581



ACT 1-16 - 1 way tap

Art. No. 343261

EAN Number
5702663432611



ACT 1-8 - 1 way tap

Art. No. 343259

EAN Number
5702663432598



ACT 1-20 - 1 way tap

Art. No. 343262

EAN Number
5702663432628



ACT 1-12 - 1 way tap

Art. No. 343260

EAN Number
5702663432604



ACT 1-24 - 1 way tap

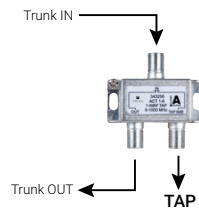
Art. No. 343263

EAN Number
5702663432635

TRIAX® Gold taps

frequency range 5...1000 MHz

1-way tap



Type:	ACT 1-6	ACT 1-8	ACT 1-12	ACT 1-16	ACT 1-20	ACT 1-24
Art. No.	343258	343259	343260	343261	343262	343263
FREQUENCY						
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
SHIELDING						
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS						
Insertion loss (in-out) 5-40 MHz	2.8dB	1.8dB	0.6dB	0.8dB	0.8dB	0.8dB
Insertion loss (in-out) 40-470 MHz	2.6dB	2.0dB	0.8dB	0.8dB	0.8dB	0.8dB
Insertion loss (in-out) 470-860 MHz	2.8dB	2.1dB	1.0dB	1.0dB	1.0dB	1.0dB
Insertion loss (in-out) 860-1000 MHz	3.0dB	2.2dB	1.0dB	1.0dB	1.0dB	1.2dB
Tap loss (in-tap) 5-40 MHz	6.5dB	8.5dB	12.5dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 40-470 MHz	6.0dB	8.5dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 470-860 MHz	6.0dB	8.5dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 860-1000 MHz	6.0dB	8.5dB	12.5dB	16.0dB	20.0dB	24.0dB
ISOLATION						
Isolation (out-tap) 5-40 MHz	23dB	30dB	35dB	38dB	45dB	50dB
Isolation (out-tap) 40-470 MHz	23dB	32dB	32dB	36dB	36dB	42dB
Isolation (out-tap) 470-860 MHz	21dB	23dB	26dB	32dB	32dB	36dB
Isolation (out-tap) 860-1000 MHz	21dB	23dB	26dB	27dB	30dB	35dB
RETURN LOSS						
Return loss (in-out) 5-40 MHz	21dB	21dB	21dB	21dB	22dB	22dB
Return loss (in-out) 40-470 MHz	20dB	20dB	20dB	20dB	20dB	21dB
Return loss (in-out) 470-860 MHz	20dB	20dB	20dB	20dB	20dB	21dB
Return loss (in-out) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB	17dB
Return loss (tap) 5-40 MHz	21dB	21dB	21dB	21dB	22dB	22dB
Return loss (tap) 40-470 MHz	20dB	20dB	20dB	20dB	20dB	21dB
Return loss (tap) 470-860 MHz	20dB	20dB	20dB	20dB	20dB	21dB
Return loss (tap) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB	17dB
ELECTRICAL						
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL						
Certification	CE, RoHS, EN 60728-4					
DC Passthrough	NO - DC blocked at inner conductor					
CONNECTORS						
Connector Type	F-female	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1	1
Number of outputs	1	1	1	1	1	1
Number of taps	1	1	1	1	1	1
MECHANICAL						
Product Depth	16 mm	16 mm	16 mm	16 mm	16 mm	16 mm
Product Height	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm
Product Width	52 mm	52 mm	52 mm	52 mm	52 mm	52 mm
Bracket (optional)	1x ACB-S - Art No 343232					
Main Material	Zinc die-casting, bright tin plated					
Packing QTY	1	1	1	1	1	1
Extra high bracket	Optional extra					
Net Weight	0,050kg	0,050kg	0,050kg	0,050kg	0,050kg	0,050kg

TRIAX® Gold 1.0 GHz, 2-way taps

for indoor SMATV / MATV distribution networks

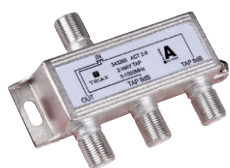


Common Features – ACT Taps series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
- Return loss Grade 2 (>18dB)
- F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
- Die-cast housing with tin (Sn) coating
- Meets EN 50083-2 and EN 60728-4
- More data on our website – www.TRIAX.com



ACT 2-8 - 2 way tap

Art. No. 343265

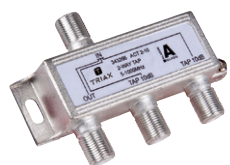
EAN Number
5702663432659



ACT 2-16 - 2 way tap

Art. No. 343268

EAN Number
5702663432680



ACT 2-10 - 2 way tap

Art. No. 343266

EAN Number
5702663432666



ACT 2-20 - 2 way tap

Art. No. 343269

EAN Number
5702663432697



ACT 2-12 - 2 way tap

Art. No. 343267

EAN Number
5702663432673



ACT 2-24 - 2 way tap

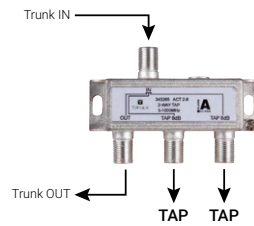
Art. No. 343270

EAN Number
5702663432703

TRIAX® Gold taps

frequency range 5...1000 MHz

2-way tap



Type:	ACT 2-8	ACT 2-10	ACT 2-12	ACT 2-16	ACT 2-20	ACT 2-24
2 way tap	2 way tap	2 way tap	2 way tap	2 way tap	2 way tap	2 way tap
Art. No.	343265	343266	343267	343268	343269	343270
FREQUENCY						
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
SHIELDING						
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS						
Insertion loss (in-out) 5-40 MHz	3.5dB	2.6dB	1.8dB	0.8dB	0.8dB	0.8dB
Insertion loss (in-out) 40-470 MHz	3.6dB	2.7dB	1.8dB	0.8dB	0.6dB	0.6dB
Insertion loss (in-out) 470-860 MHz	4.0dB	3.2dB	2.3dB	1.2dB	1.0dB	1.0dB
Insertion loss (in-out) 860-1000 MHz	4.2dB	3.4dB	2.3dB	1.5dB	1.2dB	1.2dB
Tap loss (in-tap) 5-40 MHz	8.0dB	10.0dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 40-470 MHz	8.0dB	10.0dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 470-860 MHz	8.0dB	10.0dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 860-1000 MHz	8.0dB	10.0dB	12.0dB	16.0dB	20.0dB	24.0dB
ISOLATION						
Isolation (out-tap) 5-40 MHz	30dB	25dB	30dB	34dB	40dB	46dB
Isolation (out-tap) 40-470 MHz	28dB	26dB	28dB	32dB	36dB	42dB
Isolation (out-tap) 470-860 MHz	26dB	23dB	26dB	26dB	32dB	34dB
Isolation (out-tap) 860-1000 MHz	25dB	22dB	25dB	25dB	30dB	30dB
Isolation (tap-tap) 5-40 MHz	25dB	30dB	30dB	30dB	32dB	32dB
Isolation (tap-tap) 40-470 MHz	26dB	30dB	30dB	30dB	30dB	30dB
Isolation (tap-tap) 470-860 MHz	25dB	27dB	27dB	27dB	27dB	27dB
Isolation (tap-tap) 860-1000 MHz	24dB	24dB	25dB	25dB	25dB	25dB
RETURN LOSS						
Return loss (in-out) 5-40 MHz	22dB	21dB	21dB	21dB	21dB	21dB
Return loss (in-out) 40-470 MHz	21dB	20dB	20dB	20dB	20dB	20dB
Return loss (in-out) 470-860 MHz	20dB	20dB	20dB	20dB	20dB	20dB
Return loss (in-out) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB	17dB
Return loss (tap) 5-40 MHz	22dB	21dB	21dB	21dB	21dB	21dB
Return loss (tap) 40-470 MHz	21dB	20dB	20dB	20dB	20dB	20dB
Return loss (tap) 470-860 MHz	20dB	20dB	20dB	20dB	20dB	20dB
Return loss (tap) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB	17dB
ELECTRICAL						
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL						
Certification	CE, RoHS, EN 60728-4					
DC Passthrough	NO - DC blocked at inner conductor					
CONNECTORS						
Connector Type	F-female	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1	1
Number of outputs	1	1	1	1	1	1
Number of taps	2	2	2	2	2	2
MECHANICAL						
Product Depth	16 mm	16 mm	16 mm	16 mm	16 mm	16 mm
Product Width	74 mm	74 mm	74 mm	74 mm	74 mm	74 mm
Product Height	50 mm	50 mm	50 mm	50 mm	50 mm	50 mm
Bracket (optional)	1x ACB-M / Art No 343233					
Main Material	Zinc die-casting, bright tin plated					
Packing QTY	1	1	1	1	1	1
Net Weight	0,050kg	0,050kg	0,050kg	0,050kg	0,050kg	0,050kg

TRIAX® Gold 1.0 GHz, 4-way taps

for indoor SMATV / MATV distribution networks



Common Features – ACT Taps series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
 - Return loss Grade 2 (>18dB)
 - F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
 - Die-cast housing with tin (Sn) coating
 - Meets EN 50083-2 and EN 60728-4
- More data on our website – www.TRIAX.com



ACT 4-10 - 4 way tap

Art. No. 343279

EAN Number
5702663432796



ACT 4-20 - 4 way tap

Art. No. 343282

EAN Number
5702663432826



ACT 4-12 - 4 way tap

Art. No. 343280

EAN Number
5702663432802



ACT 4-24 - 4 way tap

Art. No. 343283

EAN Number
5702663432833



ACT 4-16 - 4 way tap

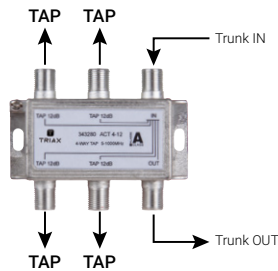
Art. No. 343281

EAN Number
5702663432819

TRIAX® Gold taps

frequency range 5...1000 MHz

4-way tap



Type:	ACT 4-10	ACT 4-12	ACT 4-16	ACT 4-20	ACT 4-24
Art. No.	343279	343280	343281	343282	343283
FREQUENCY					
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS					
Insertion loss (in-out) 5-40 MHz	3.5dB	3.5dB	1.8dB	1.0dB	1.0dB
Insertion loss (in-out) 40-470 MHz	3.6dB	3.6dB	1.8dB	1.1dB	0.8dB
Insertion loss (in-out) 470-860 MHz	4.0dB	4.0dB	2.4dB	1.3dB	1.0dB
Insertion loss (in-out) 860-1000 MHz	4.5dB	4.5dB	2.5dB	1.5dB	1.2dB
Tap loss (in-tap) 5-40 MHz	10.0dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 40-470 MHz	10.0dB	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 470-860 MHz	10.2dB	12.5dB	16.5dB	20.5dB	24.5dB
Tap loss (in-tap) 860-1000 MHz	11.0dB	12.5dB	16.5dB	20.5dB	24.5dB
ISOLATION					
Isolation (out-tap) 5-40 MHz	30dB	26dB	36dB	40dB	45dB
Isolation (out-tap) 40-470 MHz	28dB	26dB	32dB	33dB	33dB
Isolation (out-tap) 470-860 MHz	26dB	25dB	28dB	28dB	33dB
Isolation (out-tap) 860-1000 MHz	25dB	22dB	27dB	27dB	30dB
Isolation (tap-tap) 5-40 MHz	28dB	30dB	30dB	30dB	30dB
Isolation (tap-tap) 40-470 MHz	27dB	28dB	28dB	28dB	28dB
Isolation (tap-tap) 470-860 MHz	27dB	26dB	26dB	26dB	26dB
Isolation (tap-tap) 860-1000 MHz	25dB	25dB	25dB	25dB	25dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	21dB	21dB	22dB	22dB	22dB
Return loss (in-out) 40-470 MHz	20dB	20dB	20dB	20dB	20dB
Return loss (in-out) 470-860 MHz	18dB	18dB	18dB	18dB	18dB
Return loss (in-out) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB
Return loss (tap) 5-40 MHz	21dB	21dB	22dB	22dB	22dB
Return loss (tap) 40-470 MHz	20dB	20dB	20dB	20dB	20dB
Return loss (tap) 470-860 MHz	18dB	18dB	18dB	18dB	18dB
Return loss (tap) 860-1000 MHz	17dB	17dB	17dB	17dB	17dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Certification	CE, RoHS, EN 60728-4				
DC Passthrough	NO - DC blocked at inner conductor				
CONNECTORS					
Connector Type	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1
Number of outputs	1	1	1	1	1
Number of taps	4	4	4	4	4
MECHANICAL					
Product Depth	16 mm	16 mm	16 mm	16 mm	16 mm
Product Width	74 mm	74 mm	74 mm	74 mm	74 mm
Product Height	55 mm	55 mm	55 mm	55 mm	55 mm
Bracket (optional)	1x ACB-L / Art No 343234				
Main Material	Zinc die-casting, bright tin plated				
Packing QTY	1	1	1	1	1
Net Weight	0,080kg	0,080kg	0,080kg	0,080kg	0,080kg

TRIAX® Gold 1.0 GHz, 6-way taps

for indoor SMATV / MATV distribution networks



Common Features – ACT Taps series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
 - Return loss Grade 2 (>18dB)
 - F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
 - Die-cast housing with tin (Sn) coating
 - Meets EN 50083-2 and EN 60728-4
- More data on our website – www.TRIAX.com



ACT 6-12 - 6 way tap

Art. No. 343285

EAN Number
5702663432857



ACT 6-20 - 6 way tap

Art. No. 343287

EAN Number
5702663432871



ACT 6-16 - 6 way tap

Art. No. 343286

EAN Number
5702663432864



ACT 6-24 - 6 way tap

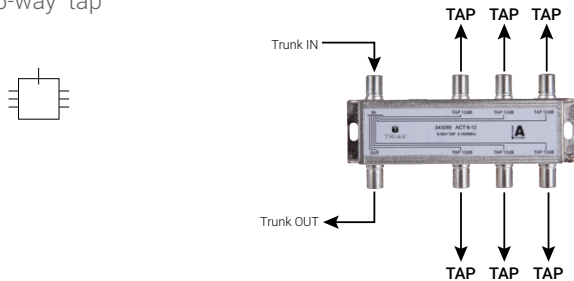
Art. No. 343288

EAN Number
5702663432888

TRIAX® Gold taps

frequency range 5...1000 MHz

6-way tap



Type:	ACT 6-12	ACT 6-16	ACT 6-20	ACT 6-24
Art. No.	343285	343286	343287	343288
FREQUENCY				
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
SHIELDING				
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB
LOSS				
Insertion loss (in-out) 5-40 MHz	4.5dB	2.5dB	1.5dB	0.8dB
Insertion loss (in-out) 40-470 MHz	4.3dB	2.7dB	1.3dB	0.8dB
Insertion loss (in-out) 470-860 MHz	4.5dB	3.0dB	2.0dB	1.3dB
Insertion loss (in-out) 860-1000 MHz	4.5dB	3.5dB	2.5dB	1.5dB
Tap loss (in-tap) 5-40 MHz	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 40-470 MHz	12.0dB	16.0dB	20.0dB	24.0dB
Tap loss (in-tap) 470-860 MHz	13.0dB	16.5dB	20.5dB	24.5dB
Tap loss (in-tap) 860-1000 MHz	13.0dB	16.5dB	20.5dB	24.5dB
ISOLATION				
Isolation (out-tap) 5-40 MHz	28dB	25dB	30dB	33dB
Isolation (out-tap) 40-470 MHz	26dB	26dB	32dB	33dB
Isolation (out-tap) 470-860 MHz	23dB	26dB	30dB	30dB
Isolation (out-tap) 860-1000 MHz	22dB	24dB	27dB	29dB
Isolation (tap-tap) 5-40 MHz	23dB	24dB	24dB	24dB
Isolation (tap-tap) 40-470 MHz	24dB	25dB	25dB	25dB
Isolation (tap-tap) 470-860 MHz	22dB	22dB	24dB	24dB
Isolation (tap-tap) 860-1000 MHz	21dB	21dB	22dB	22dB
RETURN LOSS				
Return loss (in-out) 5-40 MHz	18dB	20dB	18dB	18dB
Return loss (in-out) 40-470 MHz	20dB	21dB	21dB	21dB
Return loss (in-out) 470-860 MHz	18dB	18dB	18dB	18dB
Return loss (in-out) 860-1000 MHz	16dB	17dB	17dB	17dB
Return loss (tap) 5-40 MHz	21dB	22dB	22dB	22dB
Return loss (tap) 40-470 MHz	20dB	21dB	21dB	21dB
Return loss (tap) 470-860 MHz	18dB	18dB	18dB	18dB
Return loss (tap) 860-1000 MHz	16dB	17dB	17dB	17dB
ELECTRICAL				
Impedance	75Ω	75Ω	75Ω	75Ω
OPERATIONAL				
Certification	CE, RoHS, EN 60728-4			
DC Passthrough	NO - DC blocked at inner conductor			
CONNECTORS				
Connector Type	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1
Number of outputs	1	1	1	1
Number of taps	6	6	6	6
MECHANICAL				
Product Depth	16 mm	16 mm	16 mm	16 mm
Product Width	118 mm	118 mm	118 mm	118 mm
Product Height	55 mm	55 mm	55 mm	55 mm
Bracket (optional)	1x ACB-XL / Art No 343235			
Main Material	Zinc die-casting, bright tin plated			
Packing QTY	1	1	1	1
Net Weight	0,130kg	0,130kg	0,130kg	0,130kg

TRIAX® Gold 1.0 GHz, 8-way & multi-taps

for indoor SMATV / MATV distribution networks



Common Features – ACT Taps series

Excellent performance/price relation for use in all coaxial TV distribution networks without DC line feeding.

- All round performance for use in CATV, SMATV, MATV
- Frequency range 5 MHz up to 1.0 GHz
- All ports AC/DC blocked at inner conductor

- High shielding of 110 dB
 - Return loss Grade 2 (>18dB)
 - F- female connectors, EN 61169-24 compliant, spring clips of tin plated phosphor bronze
 - Die-cast housing with tin (Sn) coating
 - Meets EN 50083-2 and EN 60728-4
- More data on our website – www.TRIAX.com



ACT 8-16 - 8 way tap

Art. No. 343289

EAN Number
5702663432895



ACT 12 M - 12 way tap

Art. No. 343292

EAN Number
5702663432925



ACT 8-20 - 8 way tap

Art. No. 343290

EAN Number
5702663432901



ACT 16 M - 16 way tap

Art. No. 343293

EAN Number
5702663432932



ACT 8-24 - 8 way tap

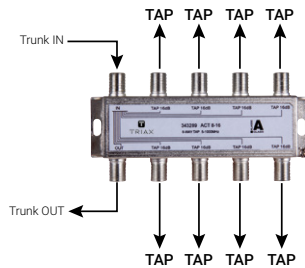
Art. No. 343291

EAN Number
5702663432918

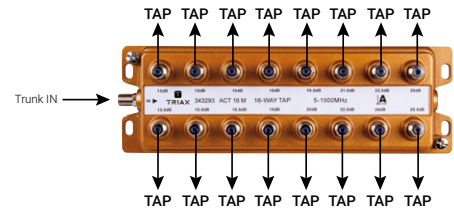
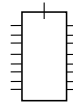
TRIAX® Gold taps

frequency range 5...1000 MHz

8-way tap



Multi tap



Type:	ACT 8-1	ACT 8-20	ACT 8-24	ACT 12 M	ACT 16 M
	8 way tap	8 way tap	8 way tap	12 way tap	16 way tap
Art. No.	343289	343290	343291	343292	343293
FREQUENCY					
Frequency range	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz	5...1000MHz
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS					
Insertion loss (in-out) 5-40 MHz	2.8dB	1.5dB	1.0dB		
Insertion loss (in-out) 40-470 MHz	2.8dB	1.3dB	0.8dB		
Insertion loss (in-out) 470-860 MHz	3.0dB	2.0dB	1.3dB		
Insertion loss (in-out) 860-1000 MHz	3.2dB	2.3dB	1.5dB		
Tap loss (in-tap) 5-40 MHz	16.0dB	20.0dB	24.0dB		
Tap loss (in-tap) 40-470 MHz	16.0dB	20.0dB	24.0dB		
Tap loss (in-tap) 470-860 MHz	16.5dB	20.5dB	24.5dB		
Tap loss (in-tap) 860-1000 MHz	16.5dB	20.5dB	24.5dB		
Tap loss (in-tap) 5-1000 MHz				13/13.5/15/15.5/ 16/16.5/18/19/ 19.5/20/21.5/22 dB	13/13.5/15/15.5/ 16/16.5/18/19/ 19.5/20/21.5/ 22.5/23.5/24/ 25/25.5dB
ISOLATION					
Isolation (out-tap) 5-40 MHz	30dB	30dB	35dB		
Isolation (out-tap) 40-470 MHz	28dB	32dB	36dB		
Isolation (out-tap) 470-860 MHz	24dB	26dB	30dB		
Isolation (out-tap) 860-1000 MHz	24dB	26dB	29dB		
Isolation (tap-tap) 5-40 MHz	25dB	26dB	26dB	31dB	31dB
Isolation (tap-tap) 40-470 MHz	26dB	26dB	26dB	31dB	31dB
Isolation (tap-tap) 470-860 MHz	24dB	24dB	26dB	31dB	31dB
Isolation (tap-tap) 860-1000 MHz	24dB	24dB	24dB	28dB	28dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	19dB	18dB	20dB	20dB	20dB
Return loss (in-out) 40-470 MHz	21dB	21dB	21dB	18dB	18dB
Return loss (in-out) 470-860 MHz	18dB	18dB	18dB	18dB	18dB
Return loss (in-out) 860-1000 MHz	17dB	17dB	17dB	15dB	15dB
Return loss (tap) 5-40 MHz	19dB	18dB	20dB		
Return loss (tap) 40-470 MHz	21dB	21dB	21dB		
Return loss (tap) 470-860 MHz	18dB	18dB	18dB		
Return loss (tap) 860-1000 MHz	17dB	17dB	17dB		
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Certification	CE, RoHS, EN 60728-4				
DC Passthrough	NO - DC blocked at inner conductor				
CONNECTORS					
Connector Type	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1
Number of outputs	1	1	1		
Number of taps	8	8	8	12	16
MECHANICAL					
Product Depth	16 mm	16 mm	16 mm	45 mm	45 mm
Product Width	118 mm	118 mm	118 mm	240 mm	240 mm
Product Height	55 mm	55 mm	55 mm	78 mm	78 mm
Bracket (optional)	1x ACB-XL / Art No 343235				
Main Material	Zinc die-casting, bright tin plated			Zinc die-casting, bright tin plated	
Packing QTY	1	1	1	1	1
Net Weight	0,150kg	0,150kg	0,150kg	0,550kg	0,600kg

TRIAX[®] Silver 2.4 GHz splitters

for SAT-IF, MATV distribution networks



Common Features – SCS Splitter series

The TRIAX "SILVER" Indoor Splitter and Taps are used in coaxial SAT-IF distribution networks operating with DVB-S/S2 (QPSK, 8PSK) and/or in MATV applications with DTT (COFDM, DAB) signals.

- All outputs of the splitters SCS are DC directed coupled via diodes to the input, the taps SCT pass DC power through the trunk path

- The die-cast enclosures are tin (Sn) coated and the back plates are soldered for very high shielding.
- High shielding of 110 dB
- Return loss Grade 2 (>18dB)
- F- female connectors, EN 61169-24 compliant
- Die-cast housing with tin (Sn) coating
- Meets EN 50083-2 and EN 60728-4

SCS 2 - 2 way splitter

Art. No. 349802

EAN Number
5702663498020



SCS 6 - 6 way splitter

Art. No. 349806

EAN Number
5702663498068



SCS 3 - 3 way splitter

Art. No. 349803

EAN Number
5702663498037



SCS 8 - 8 way splitter

Art. No. 349808

EAN Number
5702663498082



SCS 4 - 4 way splitter

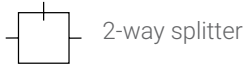
Art. No. 349804

EAN Number
5702663498044



TRIAX[®] Silver splitters

frequency range 5...2400 MHz



2-way splitter



6-way splitter



3-way splitter



8-way splitter



4-way splitter

Type:	SCS 2 2 way splitter	SCS 3 3 way splitter	SCS 4 4 way splitter	SCS 6 6 way splitter	SCS 8 8 way splitter
Art. No.	349802	349803	349804	349806	349808
FREQUENCY					
Frequency range	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS					
Insertion loss (in-out) 5-40 MHz	4.4dB	6.5dB	8.0dB	10.8dB	11.8dB
Insertion loss (in-out) 40-1000 MHz	4.0dB	7.5dB	8.5dB	11.5dB	13.0dB
Insertion loss (in-out) 1000-2150 MHz	5.5dB	10.0dB	10.5dB	15.5dB	16.5dB
Insertion loss (in-out) 2150-2400 MHz	6.0dB	10.5dB	11.5dB	16.5dB	17.0dB
ISOLATION					
Isolation (tap-tap) 5-40 MHz	22dB	23dB	25dB	25dB	25dB
Isolation (tap-tap) 40-1000 MHz	25dB	22dB	23dB	25dB	23dB
Isolation (tap-tap) 1000-2150 MHz	24dB	23dB	22dB	23dB	23dB
Isolation (tap-tap) 2150-2400 MHz	22dB	23dB	23dB	23dB	23dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	11.5dB	10.0dB	10.0dB	9.0dB	8.5dB
Return loss (in-out) 40-1000 MHz	15.0dB	12.0dB	11.5dB	13.0dB	11.0dB
Return loss (in-out) 1000-2150 MHz	12.0dB	12.0dB	12.5dB	13.0dB	12.0dB
Return loss (in-out) 2150-2400 MHz	11.0dB	13.0dB	14.0dB	12.0dB	12.0dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Certification	CE, RoHS II				
DC Passthrough	Yes (max. 500mA)				
DC Passthrough	1 output				
CONNECTORS					
Connector Type	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1
Number of outputs	2	3	4	6	8
MECHANICAL					
Product Depth	16mm	16mm	16mm	16mm	16mm
Product Width	53mm	74mm	74mm	119mm	119mm
Product Height	52mm	56mm	56mm	65mm	65mm
Bracket (optional)	2 x BS-Brackets Small 1-4 T&S (Art.No.342100)				
Main Material	Zinc die-casting, bright tin plated				
Packing QTY	1	1	1	1	1
Net Weight	0,040kg	0,058kg	0,062kg	0,120kg	0,130kg

TRIAX[®] Silver 2.4 GHz, 1-way taps

for SAT-IF, MATV distribution networks



Common Features – SCT Taps series

The TRIAX "SILVER" Indoor Splitter and Taps are used in coaxial SAT-IF distribution networks operating with DVB-S/S2 (QPSK, 8PSK) and/or in MATV applications with DTT (COFDM, DAB) signals.

- All outputs of the splitters SCS are DC directed coupled via diodes to the input, the taps SCT pass DC power through the trunk path

- The die-cast enclosures are tin (Sn) coated and the back plates are soldered for very high shielding.
- High shielding of 110 dB
- Return loss Grade 2 (>18dB)
- F- female connectors, EN 61169-24 compliant
- Die-cast housing with tin (Sn) coating
- Meets EN 50083-2 and EN 60728-4

SCT 1-8 - 1 way tap

Art. No. 342108

EAN Number
5702663421080



SCT 1-16 - 1 way tap

Art. No. 342116

EAN Number
5702663421165



SCT 1-10 - 1 way tap

Art. No. 342110

EAN Number
5702663421103



SCT 1-20 - 1 way tap

Art. No. 342120

EAN Number
5702663421202



SCT 1-12 - 1 way tap

Art. No. 342112

EAN Number
5702663421127



SCT 1-24 - 1 way tap

Art. No. 342124

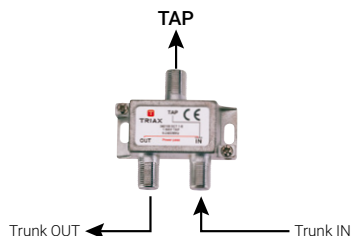
EAN Number
5702663421240



TRIAX[®] Silver taps

frequency range 5...2400 MHz

1-way tap



Type:	SCT 1-8	SCT 1-10	SCT 1-12	SCT 1-16	SCT 1-20	SCT 1-24
1 way tap	1 way tap	1 way tap	1 way tap	1 way tap	1 way tap	1 way tap
Art. No.	342108	342110	342112	342116	342120	342124
FREQUENCY						
Frequency range	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz
SHIELDING						
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS						
Insertion loss (in-out) 5-40 MHz	2.2dB	1.9dB	1.1dB	1.3dB	0.9dB	0.9dB
Insertion loss (in-out) 40-1000 MHz	2.7dB	1.9dB	1.6dB	1.3dB	1.1dB	1.1dB
Insertion loss (in-out) 1000-2150 MHz	3.5dB	2.5dB	2.3dB	1.9dB	1.5dB	1.5dB
Insertion loss (in-out) 2150-2400 MHz	4.5dB	2.7dB	2.3dB	2.1dB	1.7dB	1.7dB
Tap loss (in-tap) 5-40 MHz	8.0 (± 1.0)dB	10.0 (± 1.5)dB	12.0 (± 1.0)dB	16.0 (± 1.5)dB	20.0 (± 1.0)dB	24.0 (± 1.0)dB
Tap loss (in-tap) 40-1000 MHz	8.0 (± 1.0)dB	10.0 (± 1.5)dB	12.0 (± 1.0)dB	16.0 (± 1.5)dB	20.0 (± 1.0)dB	24.0 (± 1.0)dB
Tap loss (in-tap) 1000-2150 MHz	8.0 (± 2.0)dB	10.0 (± 2.0)dB	12.0 (± 2.0)dB	16.0 (± 2.0)dB	20.0 (± 2.0)dB	24.0 (± 2.0)dB
Tap loss (in-tap) 2150-2400 MHz	8.0 (± 2.0)dB	10.0 (± 2.0)dB	12.0 (± 2.0)dB	16.0 (± 2.0)dB	20.0 (± 2.0)dB	24.0 (± 2.0)dB
ISOLATION						
Isolation (out-tap) 5-40 MHz	22dB	25dB	28dB	40dB	45dB	43dB
Isolation (out-tap) 40-1000 MHz	22dB	24dB	25dB	30dB	32dB	34dB
Isolation (out-tap) 1000-2150 MHz	22dB	23dB	25dB	24dB	24dB	30dB
Isolation (out-tap) 2150-2400 MHz	22dB	23dB	23dB	23dB	23dB	29dB
RETURN LOSS						
Return loss (in-out) 5-40 MHz	15.0dB	15.0dB	15.0dB	16.0dB	16.0dB	16.0dB
Return loss (in-out) 40-1000 MHz	15.0dB	15.0dB	15.0dB	16.0dB	15.0dB	16.0dB
Return loss (in-out) 1000-2150 MHz	13.0dB	13.0dB	13.0dB	13.0dB	13.0dB	12.0dB
Return loss (in-out) 2150-2400 MHz	12.0dB	12.0dB	13.0dB	13.0dB	12.0dB	12.0dB
Return loss (tap) 5-40 MHz	15.0dB	15.0dB	14.0dB	17.0dB	17.0dB	17.0dB
Return loss (tap) 40-1000 MHz	17.0dB	15.0dB	14.0dB	16.0dB	16.0dB	16.0dB
Return loss (tap) 1000-2150 MHz	15.0dB	13.0dB	13.0dB	13.0dB	13.0dB	13.0dB
Return loss (tap) 2150-2400 MHz	13.0dB	13.0dB	13.0dB	13.0dB	13.0dB	13.0dB
ELECTRICAL						
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL						
Certification	CE, RoHS					
DC Passthrough	Yes IN-OUT (max. 500mA) TAPS DC blocked					
CONNECTORS						
Connector Type	F-female	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1	1
Number of outputs	1	1	1	1	1	1
Number of taps	1	1	1	1	1	1
MECHANICAL						
Product Depth	16mm	16mm	16mm	16mm	16mm	16mm
Product Width	53mm	53mm	53mm	53mm	53mm	53mm
Product Height	52mm	52mm	52mm	52mm	52mm	52mm
Bracket (optional)	2 x BS-Brackets Small 1-4 T&S (Art.No.342100)					
Main Material	Zinc die-casting, bright tin plated					
Packing QTY	1	1	1	1	1	1
Net Weight	0,045kg	0,045kg	0,045kg	0,045kg	0,045kg	0,045kg

TRIAX® Silver 2.4 GHz, 2-way taps

for SAT-IF, MATV distribution networks



Common Features – SCT Taps series

The TRIAX "SILVER" Indoor Splitter and Taps are used in coaxial SAT-IF distribution networks operating with DVB-S/S2 (QPSK, 8PSK) and/or in MATV applications with DTT (COFDM, DAB) signals.

- All outputs of the splitters SCS are DC directed coupled via diodes to the input, the taps SCT pass DC power through the trunk path

- The die-cast enclosures are tin (Sn) coated and the back plates are soldered for very high shielding.
- High shielding of 110 dB
- Return loss Grade 2 (>18dB)
- F- female connectors, EN 61169-24 compliant
- Die-cast housing with tin (Sn) coating
- Meets EN 50083-2 and EN 60728-4

SCT 2-10 - 2 way tap

Art. No. 342210

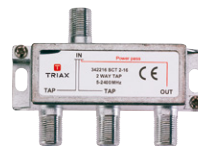
EAN Number
5702663422100



SCT 2-16 - 2 way tap

Art. No. 342216

EAN Number
5702663422162



SCT 2-12 - 2 way tap

Art. No. 342212

EAN Number
5702663422124



SCT 2-20 - 2 way tap

Art. No. 342220

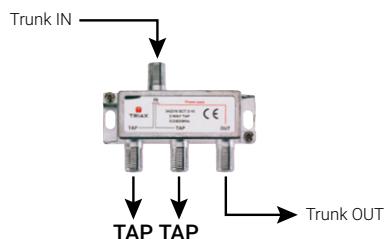
EAN Number
5702663422209



TRIAX[®] Silver taps

frequency range 5...2400 MHz

2-way tap



Type:	SCT 2-10	SCT 2-12	SCT 2-16	SCT 2-20
Art. No.	342210	342212	342216	342220
FREQUENCY				
Frequency range	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz
SHIELDING				
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB
LOSS				
Insertion loss (in-out) 5-40 MHz	3.3dB	2.7dB	2.2dB	1.6dB
Insertion loss (in-out) 40-1000 MHz	3.2dB	2.8dB	2.2dB	1.6dB
Insertion loss (in-out) 1000-2150 MHz	3.8dB	3.6dB	3.5dB	2.9dB
Insertion loss (in-out) 2150-2400 MHz	4.5dB	4.4dB	3.8dB	3.5dB
Tap loss (in-tap) 5-40 MHz	10.0 (± 2.0)dB	12.0 (± 1.2)dB	16.0 (± 1.2)dB	20.0 (± 1.5)dB
Tap loss (in-tap) 40-1000 MHz	10.0 (± 1.5)dB	12.0 (± 1.2)dB	16.0 (± 1.2)dB	20.0 (± 1.5)dB
Tap loss (in-tap) 1000-2150 MHz	10.0 (± 2.0)dB	12.0 (± 1.5)dB	16.0 (± 2.5)dB	20.0 (± 2.0)dB
Tap loss (in-tap) 2150-2400 MHz	10.0 (± 3.0)dB	12.0 (± 2.5)dB	16.0 (± 2.5)dB	20.0 (± 2.5)dB
ISOLATION				
Isolation (out-tap) 5-40 MHz	25dB	27dB	28dB	32dB
Isolation (out-tap) 40-1000 MHz	25dB	24dB	28dB	27dB
Isolation (out-tap) 1000-2150 MHz	22dB	23dB	23dB	23dB
Isolation (out-tap) 2150-2400 MHz	20dB	20dB	22dB	23dB
Isolation (tap-tap) 5-40 MHz	23dB	38dB	40dB	44dB
Isolation (tap-tap) 40-1000 MHz	30dB	33dB	38dB	41dB
Isolation (tap-tap) 1000-2150 MHz	28dB	30dB	33dB	36dB
Isolation (tap-tap) 2150-2400 MHz	26dB	28dB	29dB	32dB
RETURN LOSS				
Return loss (in-out) 5-40 MHz	13.0dB	10.0dB	11.0dB	11.0dB
Return loss (in-out) 40-1000 MHz	14.0dB	14.0dB	14.0dB	14.0dB
Return loss (in-out) 1000-2150 MHz	14.0dB	14.0dB	14.0dB	14.0dB
Return loss (in-out) 2150-2400 MHz	12.0dB	12.0dB	12.0dB	12.0dB
Return loss (tap) 5-40 MHz	13.0dB	13.0dB	13.0dB	13.0dB
Return loss (tap) 40-1000 MHz	15.0dB	15.0dB	15.0dB	15.0dB
Return loss (tap) 1000-2150 MHz	13.0dB	13.0dB	13.0dB	13.0dB
Return loss (tap) 2150-2400 MHz	13.0dB	13.0dB	13.0dB	13.0dB
ELECTRICAL				
Impedance	75Ω	75Ω	75Ω	75Ω
OPERATIONAL				
Certification	CE, RoHS			
DC Passthrough	Yes IN-OUT (max. 500mA) TAPS DC blocked			
CONNECTORS				
Connector Type	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1
Number of outputs	1	1	1	1
Number of taps	2	2	2	2
MECHANICAL				
Product Depth	16mm	16mm	16mm	16mm
Product Width	74mm	74mm	74mm	74mm
Product Height	57mm	57mm	57mm	57mm
Bracket (optional)	2 x BS-Brackets Small 1-4 T&S (Art.No.342100)			
Main Material	Zinc die-casting, bright tin plated			
Packing QTY	1	1	1	1
Net Weight	0,058kg	0,058kg	0,058kg	0,058kg

TRIAX® Silver 2.4 GHz, 4-way taps

for SAT-IF, MATV distribution networks



Common Features – SCT Taps series

The TRIAX "SILVER" Indoor Splitter and Taps are used in coaxial SAT-IF distribution networks operating with DVB-S/S2 (QPSK, 8PSK) and/or in MATV applications with DTT (COFDM, DAB) signals.

- All outputs of the splitters SCS are DC directed coupled via diodes to the input, the taps SCT pass DC power through the trunk path

- The die-cast enclosures are tin (Sn) coated and the back plates are soldered for very high shielding
- High shielding of 110 dB
- Return loss Grade 2 (>18dB)
- F- female connectors, EN 61169-24 compliant
- Die-cast housing with tin (Sn) coating
- Meets EN 50083-2 and EN 60728-4



SCT 4-12 - 4 way tap

Art. No. 342412

EAN Number
5702663424128



SCT 4-24 - 4 way tap

Art. No. 342424

EAN Number
5702663424241



SCT 4-16 - 4 way tap

Art. No. 342416

EAN Number
5702663424166



SCT 4-30 - 4 way tap

Art. No. 342430

EAN Number
5702663424302



SCT 4-20 - 4 way tap

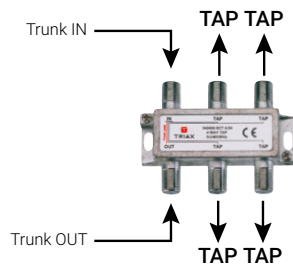
Art. No. 342420

EAN Number
5702663424203

TRIAX[®] Silver taps

frequency range 5...2400 MHz

4-way tap



Type:	SCT 4-12	SCT 4-16	SCT 4-20	SCT 4-24	SCT 4-30
4 way tap	4 way tap	4 way tap	4 way tap	4 way tap	4 way tap
Art. No.	342412	342416	342420	342424	342430
FREQUENCY					
Frequency range	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz
SHIELDING					
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB	> 110dB
LOSS					
Insertion loss (in-out) 5-40 MHz	3.7dB	2.5dB	1.5dB	0.8dB	0.8dB
Insertion loss (in-out) 40-1000 MHz	4.3dB	2.5dB	1.4dB	0.9dB	0.9dB
Insertion loss (in-out) 1000-2150 MHz	4.5dB	3.2dB	1.7dB	1.8dB	1.5dB
Insertion loss (in-out) 2150-2400 MHz	5.3dB	3.9dB	2.1dB	1.8dB	1.5dB
Tap loss (in-tap) 5-40 MHz	12.0 (± 1.2)dB	16.0 (± 1.2)dB	20.0 (± 1.2)dB	24.0 (± 1.2)dB	30.0 (± 1.2)dB
Tap loss (in-tap) 40-1000 MHz	12.0 (± 1.2)dB	16.0 (± 1.2)dB	20.0 (± 1.2)dB	24.0 (± 1.2)dB	30.0 (± 1.2)dB
Tap loss (in-tap) 1000-2150 MHz	14.0 (± 2.0)dB	16.0 (± 2.5)dB	20.0 (± 2.5)dB	24.0 (± 2.5)dB	30.0 (± 3.0)dB
Tap loss (in-tap) 2150-2400 MHz	14.0 (± 2.5)dB	16.0 (± 2.5)dB	20.0 (± 2.5)dB	24.0 (± 2.5)dB	30.0 (± 3.0)dB
ISOLATION					
Isolation (out-tap) 5-40 MHz	28dB	27dB	28dB	33dB	38dB
Isolation (out-tap) 40-1000 MHz	27dB	27dB	27dB	28dB	33dB
Isolation (out-tap) 1000-2150 MHz	22dB	23dB	23dB	23dB	23dB
Isolation (out-tap) 2150-2400 MHz	23dB	22dB	23dB	22dB	23dB
Isolation (tap-tap) 5-40 MHz	24dB	28dB	28dB	28dB	30dB
Isolation (tap-tap) 40-1000 MHz	23dB	23dB	24dB	23dB	26dB
Isolation (tap-tap) 1000-2150 MHz	23dB	24dB	23dB	24dB	24dB
Isolation (tap-tap) 2150-2400 MHz	23dB	24dB	23dB	23dB	23dB
RETURN LOSS					
Return loss (in-out) 5-40 MHz	11.0dB	13.0dB	13.0dB	16.0dB	16.0dB
Return loss (in-out) 40-1000 MHz	14.0dB	14.0dB	14.0dB	15.0dB	15.0dB
Return loss (in-out) 1000-2150 MHz	12.0dB	12.0dB	12.0dB	12.0dB	12.0dB
Return loss (in-out) 2150-2400 MHz	12.0dB	12.0dB	12.0dB	12.0dB	12.0dB
Return loss (tap) 5-40 MHz	13.0dB	15.0dB	15.0dB	15.0dB	15.0dB
Return loss (tap) 40-1000 MHz	15.0dB	15.0dB	15.0dB	15.0dB	15.0dB
Return loss (tap) 1000-2150 MHz	13.0dB	13.0dB	13.0dB	13.0dB	13.0dB
Return loss (tap) 2150-2400 MHz	13.0dB	12.0dB	12.0dB	12.0dB	12.0dB
ELECTRICAL					
Impedance	75Ω	75Ω	75Ω	75Ω	75Ω
OPERATIONAL					
Certification	CE, RoHS				
DC Passthrough	Yes IN-OUT (max. 500mA) TAPS DC blocked				
CONNECTORS					
Connector Type	F-female	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1	1
Number of outputs	1	1	1	1	1
Number of taps	4	4	4	4	4
MECHANICAL					
Product Depth	16mm	16mm	16mm	16mm	16mm
Product Width	74mm	74mm	74mm	74mm	74mm
Product Height	57mm	57mm	57mm	57mm	57mm
Bracket (optional)	2 x BS-Brackets Small 1-4 T&S (Art.No.342100)				
Main Material	Zinc die-casting, bright tin plated				
Packing QTY	1	1	1	1	1
Net Weight	0,066kg	0,068kg	0,068kg	0,062kg	0,063kg

TRIAX[®] Silver 2.4 GHz, 6 & 8-way taps

for SAT-IF, MATV distribution networks

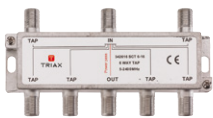


Common Features – SCT Taps series

The TRIAX "SILVER" Indoor Splitter and Taps are used in coaxial SAT-IF distribution networks operating with DVB-S/S2 (QPSK, 8PSK) and/or in MATV applications with DTT (COFDM, DAB) signals.

- All outputs of the splitters SCS are DC directed coupled via diodes to the input, the taps SCT pass DC power through the trunk path

- The die-cast enclosures are tin (Sn) coated and the back plates are soldered for very high shielding
- High shielding of 110 dB
- Return loss Grade 2 (>18dB)
- F- female connectors, EN 61169-24 compliant
- Die-cast housing with tin (Sn) coating
- Meets EN 50083-2 and EN 60728-4



SCT 6-16 - 6 way tap

Art. No. 342616

EAN Number
5702663426160



SCT 8-16 - 8 way tap

Art. No. 342816

EAN Number
5702663428164



SCT 6-20 - 6 way tap

Art. No. 342620

EAN Number
5702663426207



SCT 8-20 - 8 way tap

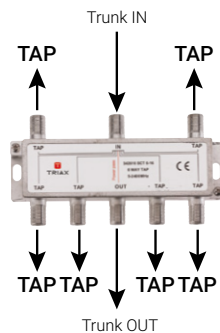
Art. No. 342820

EAN Number
5702663428201

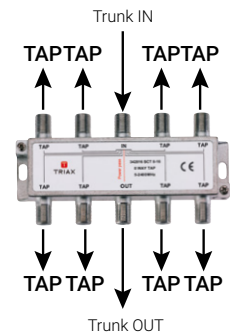
TRIAX[®] Silver taps

frequency range 5...2400 MHz

6-way tap



8-way tap



Type:	SCT 6-16 6 way tap	SCT 6-20 6 way tap	SCT 8-16 8 way tap	SCT 8-20 8 way tap
Art. No.	342616	342620	342816	342820
FREQUENCY				
Frequency range	5...2400MHz	5...2400MHz	5...2400MHz	5...2400MHz
SHIELDING				
Shielding efficiency VHF/UHF	> 110dB	> 110dB	> 110dB	> 110dB
LOSS				
Insertion loss (in-out) 5-40 MHz	3.5dB	2.1dB	3.8dB	2.1dB
Insertion loss (in-out) 40-1000 MHz	3.8dB	2.3dB	3.8dB	2.2dB
Insertion loss (in-out) 1000-2150 MHz	4.8dB	3.9dB	4.6dB	3.9dB
Insertion loss (in-out) 2150-2400 MHz	5.6dB	4.5dB	5.9dB	4.8dB
Tap loss (in-tap) 5-40 MHz	16.0 (± 1.5)dB	20.0 (± 1.5)dB	16.0 (± 1.5)dB	20.0 (± 1.5)dB
Tap loss (in-tap) 40-1000 MHz	16.0 (± 1.5)dB	20.0 (± 1.5)dB	16.0 (± 1.5)dB	20.0 (± 1.5)dB
Tap loss (in-tap) 1000-2150 MHz	18.0 (± 2.5)dB	22.0 (± 2.5)dB	18.0 (± 2.5)dB	22.0 (± 2.5)dB
Tap loss (in-tap) 2150-2400 MHz	18.0 (± 3.0)dB	22.0 (± 3.0)dB	18.0 (± 3.0)dB	22.0 (± 3.0)dB
ISOLATION				
Isolation (out-tap) 5-40 MHz	28dB	27dB	28dB	31dB
Isolation (out-tap) 40-1000 MHz	28dB	27dB	28dB	28dB
Isolation (out-tap) 1000-2150 MHz	24dB	24dB	23dB	24dB
Isolation (out-tap) 2150-2400 MHz	23dB	24dB	23dB	24dB
Isolation (tap-tap) 5-40 MHz	26dB	28dB	24dB	33dB
Isolation (tap-tap) 40-1000 MHz	23dB	25dB	25dB	25dB
Isolation (tap-tap) 1000-2150 MHz	23dB	23dB	23dB	24dB
Isolation (tap-tap) 2150-2400 MHz	23dB	23dB	23dB	23dB
RETURN LOSS				
Return loss (in-out) 5-40 MHz	11.0dB	11.0dB	12.0dB	11.0dB
Return loss (in-out) 40-1000 MHz	12.0dB	13.0dB	12.0dB	13.0dB
Return loss (in-out) 1000-2150 MHz	12.0dB	13.0dB	15.0dB	16.0dB
Return loss (in-out) 2150-2400 MHz	12.0dB	12.0dB	12.0dB	15.0dB
Return loss (tap) 5-40 MHz	13.0dB	13.0dB	15.0dB	13.0dB
Return loss (tap) 40-1000 MHz	13.0dB	13.0dB	15.0dB	15.0dB
Return loss (tap) 1000-2150 MHz	12.0dB	12.0dB	12.0dB	12.0dB
Return loss (tap) 2150-2400 MHz	12.0dB	12.0dB	12.0dB	12.0dB
ELECTRICAL				
Impedance	75Ω	75Ω	75Ω	75Ω
OPERATIONAL				
Certification	CE, RoHS			
DC Passthrough	Yes IN-OUT (max. 500mA) TAPS DC blocked			
CONNECTORS				
Connector Type	F-female	F-female	F-female	F-female
Number of inputs	1	1	1	1
Number of outputs	1	1	1	1
Number of taps	6	6	8	8
MECHANICAL				
Product Depth	17mm	17mm	17mm	17mm
Product Width	119mm	119mm	119mm	119mm
Product Height	65mm	65mm	65mm	56mm
Bracket (optional)	2 x BL-Brackets Large 6-8 T&S (Art.No.342102)			
Main Material	Zinc die-casting, bright tin plated			
Packing QTY	1	1	1	1
Net Weight	0,122kg	0,130kg	0,128kg	0,117kg

TRIAX® IEC splitters & delivery points

indoor splitters and separators



Splitters with F- or IEC connector

The 102 series are easy to use splitters with F-male or F-female connectors, for indoor use.



102 FF/M - 2 way splitter

Art. No. 338365

EAN Number
5702663383654



102 MM/F - 2 way splitter

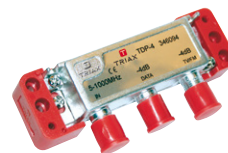
Art. No. 338366

EAN Number
5702663383661

TRIAX selective delivery point for separating TV/R and data signals

Mount a TRIAX TDP delivery point on the main connection cable to your SMATV system and get a stable and secure separation of your signal to your TV, radio and cable modem.

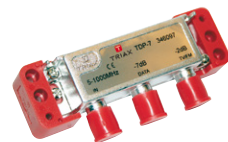
- High isolation
- Low insertion loss
- Class A shielding



TDP-4 - delivery point

Art. No. 346094

Insertion loss (in-out)
5-65 MHz > 43 (TV)/
4.0 (Data) dB



TDP-7 - delivery point

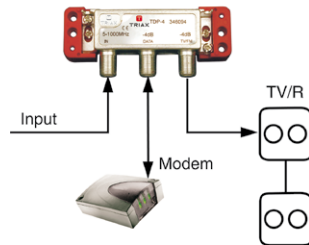
Art. No. 346097

Insertion loss (in-out)
5-65 MHz > 43 (TV)/
7.0 (Data) dB

TRIAX® IEC splitters & delivery points

frequency range 5...1000 MHz

TDP example



Type:	102 FF/M 2 way splitter	102 MM/F 2 way splitter	TDP-4 delivery point	TDP-7 delivery point
Art. No.	338365	338366	346094	346097
FREQUENCY				
Frequency range	47...862MHz	47...862MHz	5-1000 MHz	5-1000 MHz
LOSS				
Insertion loss (in-out) 40-470 MHz	3.5dB	3.5dB		
Insertion loss (in-out) 470-860 MHz	3.5dB	3.5dB		
Insertion loss (in-out) 5-65 MHz			> 43 (TV)/4.0 (Data)dB	> 43 (TV)/7.0 (Data)dB
Insertion loss (in-out) 65-87 MHz			4.0 (Data)dB	7.0 (Data)dB
Insertion loss (in-out) 87-1000 MHz			4.0 (TV)/4.0 (Data)dB	2.8 (TV)/7.0 (Data)dB
ISOLATION				
Isolation (out-tap) 5-40 MHz	dB	dB	47.0dB	47.0dB
Isolation (out-tap) 40-470 MHz	dB	dB		
Isolation (out-tap) 470-1000 MHz			23.0dB	23.0dB
RETURN LOSS				
Return loss (input) 5-40 MHz			> 22.0dB	> 23.0dB
Return loss (input) 40-1000 MHz			> 20.0dB	> 20.0dB
Return loss (data) 5-40 MHz			> 24.0dB	> 20.0dB
Return loss (data) 40-1000 MHz			> 23.0dB	> 20.0dB
Return loss (TV/R) 87-1000 MHz			> 18.0dB	> 18.0dB
ELECTRICAL				
Impedance	75Ω	75Ω	75Ω	75Ω
OPERATIONAL				
DC Passthrough	Yes	Yes		
Screening Efficiency			Class A +10dB	Class A +10dB
CONNECTORS				
Connector Type	IEC-female	IEC-male	F-female	F-female
Number of inputs	1	1	1	1
Number of outputs	2	2	2	2
MECHANICAL				
Product Depth	mm	mm	16mm	16mm
Product Width	mm	mm	74mm	74mm
Product Height	mm	mm	50mm	50mm
Packing QTY	1	1	1	1
Net Weight	0,036kg	0,034kg	0,063kg	0,063kg

TRIAX[®] Taps & Splitters

accessories

- for TRIAX Gold series



ACB-S bracket for ACS/ACT

Art. No. 343232

EAN Number
5702663432321

Description

Small plastic bracket



ACB-M bracket for ACS/ACT

Art. No. 343233

EAN Number
5702663432338

Description

Medium plastic bracket



ACB-L bracket for ACS/ACT

Art. No. 343234

EAN Number
5702663432345

Description

Large plastic bracket



ACB-XL bracket for ACS/ACT

Art. No. 343235

EAN Number
5702663432352

Description

XLarge plastic bracket



ACB-V bracket for ACV

Art. No. 343236

EAN Number
5702663432369

Description

2 pcs Plastic bracket for AVC,
vertical mounting

- for TRIAX Silver series



BS Bracket small

Art. No. 342100

EAN Number
5702663421004

Description

2 pcs Small plastic bracket
with 2 screws



BS Bracket large

Art. No. 342102

EAN Number
5702663421028

Description

2 pcs Large plastic bracket
with 2 screws



TRIAX

connecting the future

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TRIAX is a global supplier of reliable, innovative products and solutions for the reception and distribution of video, audio and data signals.

Our Products are used in homes, businesses and operator networks by broadcasters, satellite, cable and telecom operators.

Our Solutions combine our hardware and software expertise to deliver value to hospitality and related markets, through a partner network of system integrators, large installers and operators.

TRIAX's headquarters, production and R&D base is in Denmark. With 9 international sales subsidiaries we operate in more than 60 distributor countries.

The TRIAX team consists of 300 employees and is owned by Polaris Private Equity.

See www.triaux.com for further info.

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