

T. Kingray

KINGRAY



Kingray Category Index

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t.1 Amplifiers

DA43



Distribution Amp, F Type, wideband, 40dB, Combined Input

The DA43 is an F Type distribution amplifier with a single input. The DA43 can be remotely powered to and through the input. It also features a 30dB testpoint.
 Frequency Range 40-860 MHz
 Maximum Gain 43 dB (Nominal)
 Gain Control Range 20 dB
 Maximum Output Level 118 dBV @ - 60 dB IMR (DIN45004B)
 Noise Figure < 5 dB
 Tilt Control 5-15dB
 Return Loss > 12 dB

Brand: Kingray

DW32



D/ Amp , FS Type ,32dB VHF/UHF , 2 Input

The DW32 is an F Type distribution amplifier designed for a separate VHF or UHF antenna or a combined antenna via switch at the input and includes a -30 dB testpoint. The DW32 can be remotely powered to the output. Supplied with a PSK06S.
 Frequency Range VHF: 44 - 230 MHz, UHF: 520 - 820 MHz
 Gain Control Range VHF 10 dB, UHF 10 dB
 Maximum Output Level 112 dBV @ - 60 dB IMR (DIN45004B)
 Noise Figure VHF: 3.5 dB, UHF: 3.5dB
 Test Point -30 dB

Brand: Kingray

DW42



Distribution Amp, F Type, wideband, 40dB, Separate/Combined

The DW42 is an F Type distribution amplifier designed for separate VHF or UHF antennas or a combined antenna via a switch at the input. The DW42 can be remotely powered via the output. Includes a -30 dB test point.
 Frequency Range VHF Low: 40-144 MHz, VHF High: 174 - 300 MHz, UHF: 470 - 860 MHz
 Maximum Gain VHF Low: 35 dB, VHF High: 37 dB, UHF: 40 dB
 Gain Control Range VHF Low: 20 dB, VHF High: 20 dB, UHF: 20 dB
 Maximum Output Level 118 dBV @ - 60 dB IMR (DIN45004B)
 Noise Figure < 6 dB
 Operating Voltage 12-18 V DC
 Power Consumption 300 mA

Brand: Kingray

Remarks: PSU - PSK12S/F, PSK18S/F, PSK18KR


KDA20








Amplifier One in One Out




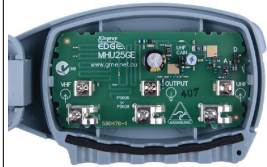
The KDA is VHF/UHF television amplifier with one input and one output. Designed to plug directly into a power point, the KDA20 has the innovative feature of 240V piggy back.

Brand: Kingray

<p>SA162F</p> 	<p>S/Amp F Type 16dB , V/U 2 Output , 240V</p> <p>The SA162F is a VHF/UHF amplifier with a single input and two outputs, designed to be used when you have enough signal for one outlet but insufficient signal for two outlets. It is fitted with F connections, is supplied with F to PAL adaptors and is mains powered.</p> <p>Frequency Range VHF 44-230 MHz, UHF 520-860 MHz Maximum Gain VHF:12 - 14 dB, UHF: 16 Maximum Output Level 100 dBV @ - 60 dB IMR (DIN45004B) Noise Figure 3.5 dB</p>	<p>Brand: Kingray</p>
<p>SA164</p> 	<p>S/Amp , B/Lee, 16dB , V/U , 4 Output , 240V</p> <p>The SA164 is a VHF/UHF amplifier with a single input and four outputs, designed to be used when you have enough signal for one outlet but insufficient signal for four outlets. Fitted with F connections, has a tilt control on VHF and is mains powered.</p> <p>Frequency Range VHF 44-230 MHz, UHF 520-860 MHz Maximum Gain VHF: 12-14 dB, UHF: 16 dB Gain Control Range 8 dB Tilt Maximum Output Level 100 dBV @ - 60 dB IMR (DIN45004B)</p>	<p>Brand: Kingray</p>
<p>SA164F</p> 	<p>S/Amp F Type 16 dB V/U 4 Output , 240V</p> <p>The SA164F is a VHF/UHF amplifier with a single input and four outputs, designed to be used when you have enough signal for one outlet but insufficient signal for four outlets. Fitted with F connections, has a tilt control on VHF and is mains powered.</p> <p>F type connectors Frequency Range VHF 44-230 MHz, UHF 520-860 MHz Maximum Gain VHF: 12-14 dB, UHF: 16 dB Gain Control Range 8 dB Tilt Maximum Output Level</p>	<p>Brand: Kingray</p>
<p>SA164R</p> 	<p>S/Amp , FS Type 16dB V/U 4 Output</p> <p>S/Amp , FS Type 16dB V/U 4 Output</p>	<p>Brand: Kingray</p>
<p>SAT29D</p> 	<p>Dual Satellite Distrubution amp 29dB</p> <p>The SAT29D is dual input, F-Type satellite distribution amplifier. The SAT29 can be either locally or remote powered and is capable of powering both vertical and horizontal LNB's simultaneously via the on board regulator.</p> <p>Frequency Range 950 - 3000 MHz Maximum Gain 29 dB Gain Control Range 7 dB Maximum Output Level 122 dB (-30 IMR) Noise Figure <10 dB Tilt Control 15 dB</p>	<p>Brand: Kingray</p>
<p>SAT42D</p> 	<p>Satellite Amp Dual 40dB</p> <p>The SAT42D is dual input and F-Type satellite distribution amplifier. The SAT42D can be either locally or remote powered and is capable of powering both vertical and horizontal LNB's simultaneously via the on board regulator.</p> <p>Frequency Range 950 - 3000 MHz Maximum Gain 40 dB Gain Control Range 20 dB Maximum Output Level 122 dB (-30 IMR) Noise Figure <10 dB Tilt Control 15 dB</p>	<p>Brand: Kingray</p>

t.2 Mast Electronics

<p>DPOUVFSDP</p> 	<p>F Type , UHF/VHF</p> <p>The DPOUVFSDP is a shielded diplexor, designed to combine separate VHF and UHF antennas, it can also be used as a band separator. Frequency Range VHF 44-230 MHz, UHF 520-820 MHz</p> <p>Brand: Kingray</p>
<p>FL3BPMH</p> 	<p>KINGRAY FL3BPMH DIPLEXER 44-108/174-230/520-820 MHZ</p> <p>The FL3BPMH is a passive bandpass filter/combiner with 1,2 and/or 3 inputs. It is designed to pass standard TV bands with an insertion loss of <2 dB, whilst rejecting unwanted out of band signals. including AM, 26/27 MHz CB radio, FM radio (switchable), paging, police radio, 477 MHz CB radio and mobile phones CDMA and GSM. There is also a -12 dB low band attenuator included. The FL3BPMH may also be used backwards as a low insertion loss band separator. The FL3BPMH is designed to fit in the MHB001 for outdoor use prior to a masthead amplifier or it can be screwed to a wall in the plastic housing via the 4 pre-drilled holes. The unit can also be removed from the plastic housing and mounted using the KB001 bracket.</p> <p>Brand: Kingray</p>
<p>KMD24FSDP</p> 	<p>Masthead Amp F type,24dB band 3+UHF sep/combined incl PS</p>
<p>MDA15U</p> 	<p>15dB 470 - 694MHz mast head amp LTE..</p> <p>The MDA15 range is based on a concept of convergent technology. The characteristics of the IC selected provides a very low noise figure and output figure that equals our DW32, 113dB @ -60 dB IMR, hence the name Masthead Distribution Amplifier (MDA). The MDA15 series are ideal for the digital television environment of today and well into the future. Frequency Range 470 - 694 MHz Maximum Gain 15 dB Gain Control Range 6 dB Maximum Output Level 113 dB @ -60dB IMR DIN 45004B Noise Figure <2.5 dB LTE Filter Yes</p> <p>Brand: Kingray</p> <p>Remarks: PSU -PSK06/F, KPS06/F</p>
<p>MDA20UT</p> 	<p>Masthead Amplifier F type 19dB</p> <p>The MDA20 is based on a new concept of convergent technology. The characteristics of the IC selected provides a noise figure that is lower than any other product currently on the market and an output figure that equals our DW42, 118 dB @ -60 dB IMR, hence the name Masthead Distribution Amplifier (MDA). The MDA20 series are ideal for the digital television environment of today and well into the future. Frequency Range 470-860 MHz Maximum Gain 19dB Maximum Output Level 118 dBV @ - 60 dB IMR (DIN45004B) Noise Figure <1.6 dB MECHANICAL SPECIFICATION Input Connector F type Output Connector F type Power Consumption 100mA</p> <p>Brand: Kingray</p> <p>Remarks: PSU - PSK06, PSK06F, KPS06, KPS06F</p>
<p>MHB</p> 	<p>Masthead Housing Box Mast Clamp with Cable Tie</p> <p>Empty masthead Housing Box Mast Clamp with Cable Tie</p> <p>Brand: Kingray</p>

Satellite Reception Terrestrial Reception IPTV Dishes Amplifiers Receivers Headends Antennas		
MHB001 	Mast Head Housing Only <p>Empty masthead Housing Box</p>	<p>Brand: Kingray</p>
MHU25F 	Masthead amp F type, wband, 25dB, Separate/Combined input <p>The MHU25F is a UHF masthead amplifier with the capability to diplex VHF, either from combined or separate VHF and UHF antennas; it has F connections and is part of the Kingray Edge Series range.</p> <p>The Kingray Edge series has been engineered to provide a future proof solution with LTE/4G filtering to maximise interference rejection.</p> <p>The range includes both wideband and UHF only models, all services above 694 MHz are filtered, rejecting LTE transmissions.</p> <p>Frequency Range VHF: 174 - 230 MHz, UHF: 520 - 694 MHz</p> <p>Maximum Gain VHF: -2 dB UHF: 25 dB</p> <p>Gain Control Range UHF: 10 dB</p> <p>Maximum Output Level 108 dBV @ - 60 dB IMR (DIN45004B)</p> <p>LTE Filter -25dB @ 750MHz</p>	<p>Brand: Kingray</p>
MHU25FS 	MH Amp, FS Type, 25dB UHF only 2 Input <p>The MHU25FS is a UHF masthead amplifier with the capability to diplex VHF, either from combined or separate VHF and UHF antennas; it has F connections, is shielded and is part of the Kingray Edge Series range.</p> <p>The Kingray Edge series has been engineered to provide a future proof solution with LTE/4G filtering to maximise interference rejection.</p> <p>The range includes both wideband and UHF only models, all services above 694 MHz are filtered, rejecting LTE transmissions.</p> <p>In addition to LTE filtering most wideband models in the Edge series include low band filtering to eliminate all services below 174 MHz</p> <p>Frequency Range VHF: 174 - 230 MHz, UHF: 520 - 820 MHz</p> <p>Maximum Gain VHF -2, UHF 35 dB</p> <p>Gain Control Range 10 dB</p> <p>Maximum Output Level 108dBV @ - 60 dB IMR (DIN45004B)</p> <p>Noise Figure UHF: <2.5 dB</p> <p>LTE Filter-25dB @ 750MHz</p>	<p>Brand: Kingray</p>
MHU25GE 	24 DB UHF 2 Input S&S <p>The MHU25GE is a UHF masthead amplifier with the capability to diplex VHF either, from a combined or separate VHF and UHF antennas, it has screw and saddle connections and is part of the Kingray Edge Series range.</p> <p>The Kingray Edge series has been engineered to provide a future proof solution with LTE/4G filtering to maximise interference rejection.</p> <p>The range includes both wideband and UHF only models, all services above 694 MHz are filtered, rejecting LTE transmissions.</p> <p>In addition to LTE filtering most wideband models in the Edge series include low band filtering to eliminate all services below 174 MHz.</p> <p>Frequency Range VHF: 174 - 230 MHz, UHF: 520 - 694 MHz</p> <p>Maximum Gain VHF: -2 dB UHF: 25 dB</p> <p>Gain Control Range 10 dB</p> <p>Maximum Output Level 105 dBV @ - 60 dB IMR (DIN45004B)</p> <p>Noise Figure UHF : <2.5 dB</p> <p>LTE Filter -25dB @ 750MHz</p> <p>Input Connector Screw and Saddle</p> <p>Output Connector Screw and Saddle</p> <p>Power Consumption 80 mA</p> <p>LNB Supply Voltage</p>	<p>Brand: Kingray</p> <p>Remarks:</p>

MHU35F

MH Amp Edge F 34 dB UHF 2 Input

Brand: Kingray



The MHU35F is a UHF masthead amplifier with the capability to diplex VHF, either from combined or separate VHF and UHF antennas; it has F connections and is part of the Kingray Edge Series range.

The Kingray Edge series has been engineered to provide a future proof solution with LTE/4G filtering to maximise interference rejection.

The range includes both wideband and UHF only models, all services above 694 MHz are filtered, rejecting LTE transmissions.

In addition to LTE filtering most wideband models in the Edge series include low band filtering to eliminate all services below 174 MHz

Frequency Range VHF: 174 - 230 MHz, UHF: 520 - 694 MHz

Maximum Gain VHF: -2 dB, UHF: 35 dB

Gain Control Range UHF: 10 dB

Maximum Output Level 108dBV @ - 60 dB IMR (DIN45004B)

Noise Figure UHF: < 2.5 dB

LTE Filter -25dB @ 750MHz

Remarks:

t.3 Modulators

KDM101

KDM101 - AV to COFDM Digital Modulator

Brand: Kingray



The KDM101A is ideal for converting an analogue AV signal either from a satellite decoder, DVD player, video surveillance camera or video door phone and modulating it into a digital format (DVB-T) for distribution in a TV cable network. With intuitive, simple menus, the KDM101A provides easy and fast installation while ensuring peak performance.

It now comes with selectable aspect ratio, either 4:3 or 16:9.

Frequency Range 174~862 MHz

Gain Control Range 15dB

Maximum Output Level 80dBuV

Channel Bandwidth 6/7/8 MHz

Minimum Output Level 65dBuV

Modulation Format DVB-T (ETSI EN 300 744)

LCN1-1023 adjustable

Output Level Attenuation 15dB

Modulation Error Rate > 38dB

KDM401

AV to Digital x 4 (DVB T) Modulator

Brand: Kingray



The innovative Kingray Quad AV Standard Definition Digital Modulator has been redefined with the introduction of the KDM401A which includes 3 new exciting features;

- Quick Setup - For one or multiple modulators installed in the same system
- USB Input - Save configuration and install configuration off a USB
- Aspect Ratio - Programmable 16:9 or 4:3

The product is ideal for converting an analogue AV signal either from a satellite decoder, DVD, video

surveillance camera or video door phone and modulating the signal into a digital format (DVB-T) for distribution on a TV cable network.

Output Frequency Range 470-820 Mhz (NZ)

Maximum Output Level 95 dBuV

Test Point -30dB



Minimum Output Level 80 dBuV

LCN Yes




Modulation Error Rate >42DB








Channel Naming 16 Characters



19' Rack Mountable Yes

<p>MD100US</p> 	<p>Stereo Modulator 470-860 MHz</p> <p>Modulators are designed to convert a base band or A.V. (Audio Video) signal into an RF signal. This allows the outputs from set top boxes, videos, DVD's, AM and FM tuners, CD players or cameras to be integrated into any television system. By using Kingray modulators</p> <p>NOTE: There are a number of cheap modulators on the market that have left and right channel inputs, however they are not a true stereo unit. When selecting a stereo modulator, ensure you are getting true stereo and not mono.</p> <p>Frequency Range 470-860 MHz Gain Control Range 40 dB Maximum Output Level 103 dBuV Video System PAL B Audio System Stereo/Mono Audio Connectors RCA Video Connector RCA</p> <p>Brand: Kingray</p> <p>Remarks: PSU-PSK12S/F, PSK18S/F</p>	
<p>MD100VS</p> 	<p>Stereo Modulator 44-470Mhz, F Type</p> <p>Modulators are designed to convert a base band or A.V. (Audio Video) signal into an RF signal. This allows the outputs from set top boxes, videos, DVD's, AM and FM tuners, CD players or cameras to be integrated into any television system. By using Kingray stereo modulators (able to adjust the RF output frequencies via the dip switches) a flexible solution is available to suit each individual system. Frequency Range 44 - 470 MHz</p> <p>Gain Control Range 40 dB Maximum Output Level 103 dBuV Output Signal to Noise > 55 dB Frequency Resolution 250 KHz Video System PAL B Audio System Stereo/Mono Audio Connectors RCA Video Connector RCA Output Connector F type Operating Voltage 12 - 18 V DC</p> <p>Brand: Kingray</p> <p>Remarks: PSU-PSK12S/F, PSK18S/F</p>	





t.4 Power Supplies

<p>PSK01</p> 	<p>Power Supply, With Belling Lee Injector, 9VDC 200mA</p> <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VAC Output Voltage 9 VDC 200 mA</p> <p>Brand: Kingray</p>	
<p>PSK02</p> 	<p>Power Supply, With Belling Lee Injector, 22VAC 100mA</p> <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VAC Output Voltage 22 VAC 100 mA</p> <p>Brand: Kingray</p>	
<p>PSK06</p> 	<p>Power Supply, With Belling Lee Injector, 14VDC 150mA</p> <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VAC Output Voltage 14 VDC 150 mA</p> <p>Brand: Kingray</p>	




Satellite Reception Terrestrial Reception IPTV Dishes Amplifiers Receivers Headends Antennas		
PSK06F 	Power Supply, With F Type Injector, 14VDC 100mA <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VAC Output Voltage 14 VDC 100 mA</p>	Brand: Kingray
PSK06S 	Power Supply, With DC Plug, 14VDC 100mA <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>2.5mm DC Plug Operating Voltage 230 -240 VAC Output Voltage 14 VDC 100 mA</p>	Brand: Kingray
PSK08 	Power Supply, With Belling Lee Injector, 17.5VAC 100mA <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VAC Output Voltage 17.5 VAC 100 mA</p>	Brand: Kingray
PSK08F 	Power Supply, With F Type Injector, 17.5VAC 100mA <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VAC Output Voltage 17.5 VAC 100 mA</p>	Brand: Kingray
PSK12F 	Power Supply, With F Type Injector, 12VDC 500mA <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VDC Output Voltage 12 VDC 500mA</p>	Brand: Kingray
PSK12S 	Power Supply, With DC Plug, 12VDC 500mA <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>2.5mm DC Plug Operating Voltage 230 -240 VAC Output Voltage 12 VDC 500mA</p>	Brand: Kingray
PSK18F 	Power Supply, With F Type Injector, 18VDC 500mA <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>Operating Voltage 230 -240 VAC Output Voltage 18 VDC 500 mA</p>	Brand: Kingray

<p>PSK18KR</p> 	<p>Power Supply, With DC Plug, 15VDC 1.7 A</p> <p>GME Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>2.5mm DC Plug Operating Voltage 230 -240 VAC Output Voltage 15 VDC 1.7 A</p>	<p>Brand: Kingray</p>
<p>PSK18S</p> 	<p>Power Supply, With DC Plug, 18VDC 500mA</p> <p>Kingray's power supplies have constantly maintained their reputation as the highest quality and most reliable power supplies to the antenna industry. They feature posistor protection circuitry and fully comply with Australian and New Zealand Energy Standards.</p> <p>2.5mm DC Plug Operating Voltage 230 -240 VAC Output Voltage 18 VDC 500 mA</p>	<p>Brand: Kingray</p>


t.5 Leads and Accessories

<p>ADC322</p> 	<p>DC Power Lead 30cm 2 way</p> <p>The ADC322 allows you to power two devices from the one power supply.</p> <p>2.5mm DC Plug</p>	<p>Brand: Kingray</p>
<p>ADC325</p> 	<p>DC Power Lead 30cm 4way</p> <p>The ADC325 allows you to power four devices from the one power supply.</p> <p>2.5mm DC Plug</p>	<p>Brand: Kingray</p>
<p>KST659</p> 	<p>Stripping Tool - RG6/59 TA011</p> <p>Kingray Coaxial Cutting tool designed for F type fittings on RG59 and RG6 Coax</p>	<p>Brand: Kingray</p>
<p>LP-LTE25</p> 	<p>Low Pass Filter LTE 25dB</p> <p>Low Pass Filter LTE 25dB designed to filter out the 4G Signal on the coaxial line</p>	<p>Brand: Kingray</p>

t.6 Cat TV

<p>CAT01</p> 	<p>High output CAT5 to RF distribution amplifier</p> <p>A new way to think about RF distribution The CAT01 is a high output distribution amplifier, capable of supplying quality signal to up to four television receivers. The CAT01 amplifier incorporates master gain and tilt controls, plus individual gain controls for each outlet, delivering a balanced output level regardless of cable lengths. Available separately is the Kingray KLE02 impedance matching balun cable for connection between the RJ45 wall outlet and the television ensuring optimal performance at all times. Frequency Range 47-862 MHz Maximum Gain 35 dB Gain Control Range Overall 20 dB, Output 20dB Maximum Output Level 98 dB (42 Channel Cenelec) Minimum Input Level 63dBuV Noise Figure < 8 dB Tilt Control 15dB Return Loss > 13dB Isolation > 20 dB (port to port) Test Point -20 dB Input Connector F type Output Connector RJ45 19" Rack Mountable Yes, using KB02</p>	<p>Brand: Kingray</p>
<p>KB02</p> 	<p>19" mounting bracket to suit CAT01</p> <p>The KB02 is a 19" inch bracket to suit CAT01, it is capable of housing two CAT01. It is supplied with one blanking plate.</p>	<p>Brand: Kingray</p>
<p>KLE02</p> 	<p>Balun transformer cable</p> <p>This balun cable converts the CAT RF system back to coax at the TV end of the system.</p>	<p>Brand: Kingray</p>

t.7 Professional Series

<p>KCC110</p> 	<p>TA011 Channel Converter Module</p> <p>The KCC-110 is the most advanced channel converter/processor available. Whether the KCC-110 is being used to output the same channel as it's input channel (processing) or a different output channel to it's input channel (converting), it is capable of adjacent channel operation on both input and output. Input Frequency Range 44 - 862 MHz Output Frequency Range 44 - 862 MHz Maximum Output Level 80 dBuV Minimum Input Level 60 dBuV Maximum Input Level 80 dBuV Output Signal to Noise > 55 dB Test Point -30 dB Frequency Resolution 125 KHz Input/Output Channel Naming 16 characters Channel Bandwidth 7 / 8 MHz AGC Control 30 dB (automatic) Minimum Output Level 60 dBuV</p>	<p>Brand: Kingray</p>
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KLA110



Launch Amplifier , Kingray Pro

The unique design of the KLA-110 incorporates a Launch Amplifier, Power Supply and Programming Interface. Designed to be mounted in the middle of the KR-110. The power supply is designed to power 10 modules, it can also provide external power to a masthead or preamp if required.

Frequency Range 44 - 862 MHz
Maximum Gain 45 dB
Maximum Output Level 118 dBV* @ -60 dB IMR (DIN45004B)
Maximum Input Level 95 dBV
Noise Figure < 2 dB
Output Signal to Noise > 55 dB
Test Point - 30 dB
RF Shielding > 70 dB
RF Shielding > 70 dB
RF Input/Output Level Monitor Via USB on power supply unit

Brand: Kingray

KR001



Kingray Subrack 19" 6 way passive combiner

Rack for Analogue modulators.
Mount and connect your modulators in the easy to fit rack.
Makes for a professional install.

Brand: Kingray

KR110



Head End Rack

The KR110 is a robust, dual purpose rack that will hold up to 10 modules and a KLA110 launch amplifier/power supply. The rack can be wall mounted or installed in a 19" rack simply by reversing the side support brackets.

Features

- Strong press metal design
- Durable high quality powder coat finish
- Quick and easy to assemble

Brand: Kingray

KVM110



Vestigial Sideband Modulator

The unique design of the KLA-110 incorporates a Launch Amplifier, Power Supply and Programming Interface. Designed to be mounted in the middle of the KR-110. The power supply is designed to power 10 modules, it can also provide external power to a masthead or preamp if required.

Frequency Range 44 - 862 MHz
Maximum Gain 45 dB
Maximum Output Level 118 dBV* @ -60 dB IMR (DIN45004B)
Maximum Input Level 95 dBV
Test Point - 30 dB
RF Input/Output Level Monitor Via USB on power supply unit

Brand: Kingray