

**T. Kingray**

**KINGRAY**



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**t.4 Power Supplies**

**PSK01**



**Power Supply, With Belling Lee Injector, 9VDC 200mA**

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.  
Operating Voltage 230 -240 VAC  
Output Voltage 9 VDC 200 mA

**Brand:** Kingray

**UPC** 9319493048484

**PSK02**



**Power Supply, With Belling Lee Injector, 22VAC 100mA**

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.  
Operating Voltage 230 -240 VAC  
Output Voltage 22 VAC 100 mA

**Brand:** Kingray

**UPC** 9319493022712

**PSK06**



**Power Supply, With Belling Lee Injector, 14VDC 150mA**

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.  
Operating Voltage 230 -240 VAC  
Output Voltage 14 VDC 150 mA

**Brand:** Kingray

**PSK06F**



**Power Supply, With F Type Injector, 14VDC 100mA**

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.  
Operating Voltage 230 -240 VAC  
Output Voltage 14 VDC 100 mA

**Brand:** Kingray

**PSK06S**



**Power Supply, With DC Plug, 14VDC 100mA**

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.  
2.5mm DC Plug  
Operating Voltage 230 -240 VAC  
Output Voltage 14 VDC 100 mA

**Brand:** Kingray

**UPC** 9319493165419

**PSK08**




**Power Supply, With Belling Lee Injector, 17.5VAC 100mA**


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.  
Operating Voltage 230 -240 VAC  
Output Voltage 17.5 VAC 100 mA

**Brand:** Kingray




**UPC** 9319493085533

<p><b>PSK08F</b></p> 	<p><b>Power Supply, With F Type Injector, 17.5VAC 100mA</b></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 17.5 VAC 100 mA</p>	<p><b>Brand:</b> Kingray</p> <p><b>UPC</b> 9319493111492</p>
<p><b>PSK12F</b></p> 	<p><b>Power Supply, With F Type Injector, 12VDC 500mA</b></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 VDC Output Voltage 12 VDC 500mA</p>	<p><b>Brand:</b> Kingray</p> <p><b>UPC</b> 9319493137959</p>
<p><b>PSK12S</b></p> 	<p><b>Power Supply, With DC Plug, 12VDC 500mA</b></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 12 VDC 500mA</p>	<p><b>Brand:</b> Kingray</p> <p><b>UPC</b> 9319493100823</p>
<p><b>PSK18F</b></p> 	<p><b>Power Supply, With F Type Injector, 18VDC 500mA</b></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 18 VDC 500 mA</p>	<p><b>Brand:</b> Kingray</p> <p><b>UPC</b> 9319493092845</p>
<p><b>PSK18KR</b></p> 	<p><b>Power Supply, With DC Plug, 15VDC 1.7 A</b></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><b>Brand:</b> Kingray</p>
<p><b>PSK18S</b></p> 	<p><b>Power Supply, With DC Plug, 18VDC 500mA</b></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><b>Brand:</b> Kingray</p>

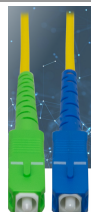
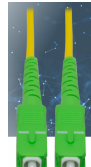
### t.5 Leads and Accessories









<p><b>ADC322</b></p> 	<p><b>DC Power Lead 30cm 2 way</b></p> <p>The ADC322 allows you to power two devices from the one power supply.</p> <p>2.5mm DC Plug</p>	<p><b>Brand:</b> Kingray</p>
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### t.6 Cat TV


<p><b>CAT01</b></p> 	<p><b>High output CAT5 to RF distribution amplifier</b></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 &lt; 8 dB Tilt Control 15dB Return Loss &gt; 13dB Isolation &gt; 20 dB (port to port) Test Point -20 dB Input Connector F type Output Connector RJ45 19" Rack Mountable Yes, using KB02</p>	<p><b>Brand:</b> Kingray</p> <p><b>UPC</b> 9319493235396</p>
<p><b>KB02</b></p> 	<p><b>19" mounting bracket to suit CAT01</b></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><b>Brand:</b> Kingray</p>
<p><b>KLE02</b></p> 	<p><b>Balun transformer cable</b></p> <p>This balun cable converts the CAT RF system back to coax at the TV end of the system.</p>	<p><b>Brand:</b> Kingray</p> <p><b>UPC</b> 9319493235709</p>

**t.8.1 Fibre Cables**





<p><b>KLE011</b></p> 	<p><b>0.5m Optical Fibre Single Mode Patch Lead, SC/APC to SC/PC, Single Mode Patch lead</b></p> <p>one end &amp; an SC/APC connector on the other end. Low smoke zero halogen 3.0mm PVC jacket.</p> <p><b>Size:</b> 0.5M</p>	<p><b>Brand:</b> Kingray</p>
<p><b>KLE012</b></p> 	<p><b>1.0m Optical Fibre Single Mode Patch Lead, SC/APC to SC/APC</b></p> <p><b>Size:</b> 1M</p>	<p><b>Brand:</b> Kingray</p>

Satellite Reception   Terrestrial Reception   IPTV   Dishes   Amplifiers   Receivers   Headends   Antennas		
<b>KLE013</b>	<b>1.0m Optical Fibre Single Mode Patch Lead, SC/APC to SC/PC</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 1M	
<b>KLE014</b>	<b>1.5m Optical Fibre Single Mode Patch Lead, SC/APC to SC/APC</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 1.5M	
<b>KLE015</b>	<b>1.5m Optical Fibre Single Mode Patch Lead, SC/APC to SC/PC</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 1.5M	
<b>KLE100MSC</b>	<b>100m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 100M	
<b>KLE10MSC</b>	<b>10m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 10M	
<b>KLE15MSC</b>	<b>15m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 15M	
<b>KLE20MSC</b>	<b>20m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 20M	
<b>KLE25MSC</b>	<b>25m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 25M	




Satellite Reception   Terrestrial Reception   IPTV   Dishes   Amplifiers   Receivers   Headends   Antennas		
<b>KLE30MSC</b>	<b>30m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 30M	
<b>KLE35MSC</b>	<b>35m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 35M	
<b>KLE40MSC</b>	<b>40m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 40M	
<b>KLE45MSC</b>	<b>45m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 45M	
<b>KLE50MSC</b>	<b>50m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 50M	
<b>KLE60MSC</b>	<b>60m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 60M	
<b>KLE70MSC</b>	<b>70m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 70M	
<b>KLE80MSC</b>	<b>80m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 80M	

<b>KLE90MSC</b>	<b>90m Optical Fibre Lead, SC/APC to SC/APC SM Lead</b>	<b>Brand:</b> Kingray
	<b>Size:</b> 90M	

### t.8.4 Splitters

<b>KPLC104</b>	<b>4 Way PLC Splitter - 19" Rack Mount</b> <p>This 4 Way Planar Optical Waveguide Optical Splitter (PLC Splitter) is an integration waveguide optical power distribution device that is based on quartz substrate, has a wide working wavelength range, high reliability and excellent uniformity of optical split. It is especially suitable for connecting a local unit with a terminal unit in passive optical networks (EPON, BPON, GPON, etc.) to achieve optical signal splitting.</p> <p>The main design divides optical signals in optical communication systems into multi-way output.</p>	<b>Brand:</b> Kingray
		
<b>KPLC108</b>	<b>8 Way PLC Splitter - 19" Rack Mount</b> <p>This 8 Way Planar Optical Waveguide Optical Splitter (PLC Splitter) is an integration waveguide optical power distribution device that is based on quartz substrate, has a wide working wavelength range, high reliability and excellent uniformity of optical split. It is especially suitable for connecting a local unit with a terminal unit in passive optical networks (EPON, BPON, GPON, etc.) to achieve optical signal splitting.</p> <p>The main design divides optical signals in optical communication systems into multi-way output.</p>	<b>Brand:</b> Kingray
		
<b>KPLC116</b>	<b>16 Way PLC Splitter SC/APC</b> <p><b>Key Features</b>            1 in 16 Out Optical Splitter            Optical Wavelength: 1260nm~1650nm            Maximum Insertion Loss: 13.9dB            Return Loss &gt;55dB            Low insertion loss, high uniformity            Low polarization loss            Wide working wavelength range            High stability and reliability            Size: 1RU, 19" Rack Mountable            Connections: SC/APC            In the box</p> <p><b>Remarks:</b> 1RU - 19" Rack</p>	<b>Brand:</b> Kingray
		
<b>KPLC132</b>	<b>32 Way PLC Splitter SC/APC</b> <p>1 in 32 Out Optical Splitter            Optical Wavelength: 1260nm~1650nm            Maximum Insertion Loss: 17.2dB            Return Loss &gt;55dB            Low insertion loss, high uniformity            Low polarization loss            Wide working wavelength range            High stability and reliability            Size: 1RU, 19" Rack Mountable            Connections: SC/APC            In the box</p> <p><b>Size:</b> 1RU - 19 Rackmount</p>	<b>Brand:</b> Kingray
		

### t.8.5 Accessories

<b>KOATT10DB</b>	<b>Optical Attenuator 10dB Male to Female</b> <p>10dBm SC Single Mode Male to Female Attenuator. Designed to attenuate the optical fibre wavelength (1260~1620) in a stable &amp; desired level without any changes to the original transmission wave.</p> <p><b>Brand:</b> Kingray</p> <p><b>Remarks:</b> 10db</p>
	
<b>KOATT1DB</b>	<b>Optical Attenuator 1dB Male to Female</b> <p>1dBm SC Single Mode Male to Female Attenuator. Designed to attenuate the optical fibre wavelength (1260~1620) in a stable &amp; desired level without any changes to the original transmission wave.</p> <p><b>Brand:</b> Kingray</p> <p><b>Remarks:</b> 1db</p>
	
<b>KOATT2DB</b>	<b>Optical Attenuator 2dB Male to Female</b> <p>2dBm SC Single Mode Male to Female Attenuator. Designed to attenuate the optical fibre wavelength (1260~1620) in a stable &amp; desired level without any changes to the original transmission wave.</p> <p><b>Brand:</b> Kingray</p> <p><b>Remarks:</b> 2db</p>
	
<b>KOATT5DB</b>	<b>Optical Attenuator 5dB Male to Female</b> <p>5dBm SC Single Mode Male to Female Attenuator. Designed to attenuate the optical fibre wavelength (1260~1620) in a stable &amp; desired level without any changes to the original transmission wave.</p> <p><b>Brand:</b> Kingray</p> <p><b>Remarks:</b> 5db</p>
