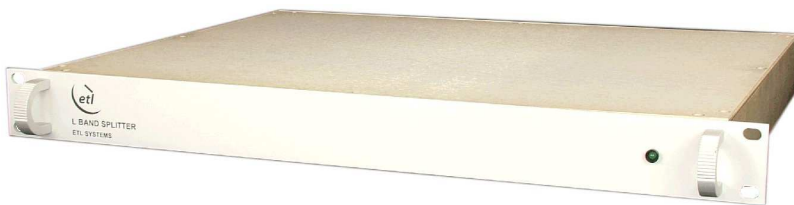




Model Number: **D0104Q1ULA-N5N5-XPSU**

4-way Quad L-band Active Splitter

Powered by an external Power Supply



This shelf contains 4 of ETL's 4-way L-band active equalised splitter modules housed in a 1U shelf. It is powered by an external DC supply.

Front view of Model D0104Q1ULA-N5N5-XPSU

This external power supply system makes economic sense if 3 or more splitter shelves are in use (compared to an integral PSU system).



Rear view of similar model with 50 ohm BNC connectors

This particular unit is supplied with 50 ohm N-type connectors, but is available in a range of impedances and connector types (model numbers will vary).





Model Number: D0104Q1ULA-N5N5-XPSU

4-way Quad L-band Active Splitter powered by an external Power Supply

Technical specifications and operating parameters

| RF Parameters | |
|--------------------|-----------------------|
| Capacity | 4- way (quad) |
| Frequency Range | 850-2150 MHz (L-band) |
| Gain | 4 dB \pm 1 dB |
| Flatness | \pm 1.5 dB |
| 1dB Compression | 0 dBm |
| Noise Figure | 7 dB |
| Input Return Loss | 10 dB typical |
| Output Return Loss | 12 dB typical |

| System Control | |
|----------------|----------------------------------|
| Display | Front Panel LED for Power status |

| Environmental | |
|-----------------------|--------------------|
| Operating temperature | 0 to 45°C |
| Location | Indoor use only |
| Storage temperature | -20°C to +75°C |
| Humidity | 85% non-condensing |

| Physical | |
|------------------|---------------------------------------|
| Input Connector | N-type |
| Input Impedance | 50 Ω |
| Output Connector | N-type |
| Output Impedance | 50 Ω |
| Dimensions | 1U high x 350mm deep x 19" wide |
| Colour | White 00-E-55 semi-gloss, front panel |

| Power | |
|--------------|--|
| DC Power | External DC supply required (18V and 50 mA per splitter) |
| LNB Power | None |
| PSU | N/A |
| Hot-swap PSU | N/A |

Key Features

4-way quad splitter in a compact 1U high shelf

External power supply

Front Panel LED for Power status

