



## 4-way Single L-band Active LD Series Splitter

with switchable LNB Powering



Front view of LD Series Splitter

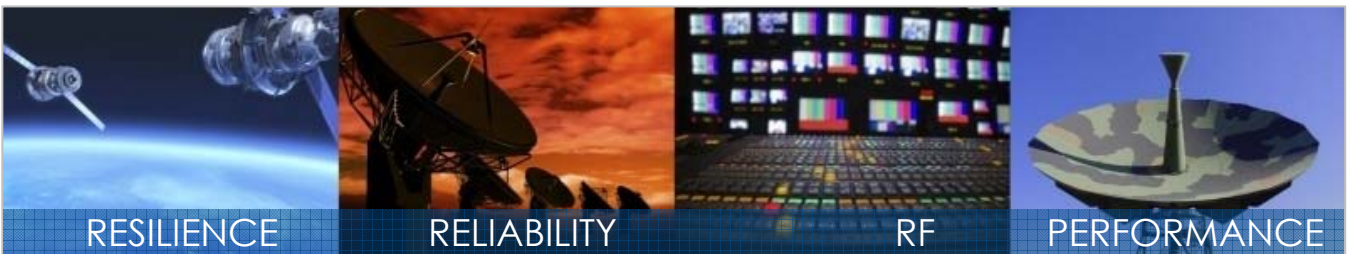
This compact 4-way active splitter is designed to provide affordable L-band splitting in a 1U chassis. Covering the full range of L-band, 850-2150MHz, this shelf also offers dual redundant power supplies, and is also able to provide switchable LNB powering.

Front panel LED's indicate the condition of the 2 power supplies and the status of the LNB bias.



Rear view of LD Series Splitter showing switchable LNB Powering

The shelf is housed in a compact 1U high rack with a single mains inlet (there are 2 internal power supplies), and offers a wide range of RF connectors and impedances.



### Technical specifications and operating parameters

| RF Parameters      |                                  |
|--------------------|----------------------------------|
| Capacity           | 4- way                           |
| Frequency Range    | 850-2150 MHz (L-band)            |
| Gain               | 0 ± 1.5 dB nominal               |
| Flatness           | 850MHz-2150 MHZ ± 1.5 dB typical |
| 1 dB compression   | 0 dBm                            |
| Noise Figure       | 12 dB                            |
| Input Return Loss  | 15 dB typical                    |
| Output Return Loss | 15 dB typical                    |

| System Control |   |
|----------------|---|
| Display        | Front panel LEDs for Power and PSU status |
| Local Control  | LNB Powering switch on rear panel         |

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

| Physical   |                                 |
|------------|---------------------------------|
| Connectors | BNC                             |
| Impedance  | 75Ω                             |
| Dimensions | 1U high x 220mm deep x 19" wide |
| Weight     | 2 kg                            |
| Colour     | White                           |

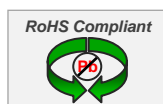
| Power        |  |
|--------------|--|
| AC Power     | 85-264V AC (50/60Hz)                             |
| LNB Power    | 18V DC, 310mA via common port, switchable on/off |
| PSU          | Dual   |
| Hot-swap PSU | Yes  |

| Key Features                         |  |
|--------------------------------------|--|
| Housed in Compact 1U high rack       |  |
| PSU alarms via LED's on front panel  |  |
| Status of LNB via LED on front panel |  |
| Dual redundant PSU's                 |  |



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