

2-way Single C-band Passive Combiner / Splitter

This single 2-way passive C-band combiner or splitter operates over a frequency range of 5800-6500 MHz and is housed in a 1U high shelf. This unit is designed where all items must be rack mountable. It can be expanded to allow up to 4 modules in one shelf.

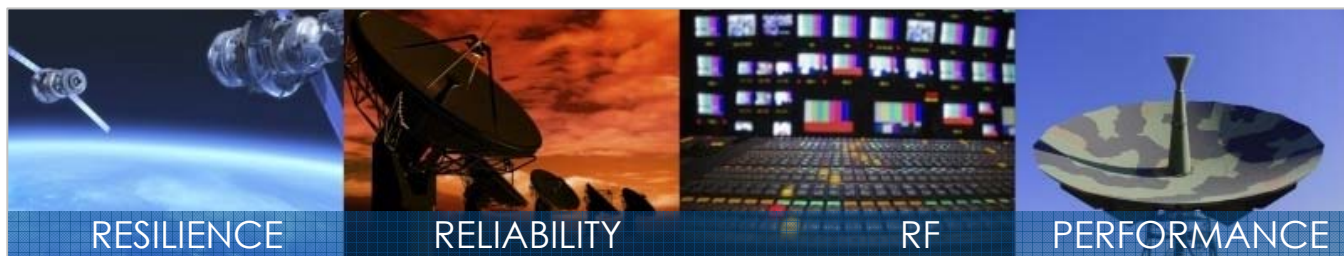


Front View of 2-way C-band Passive Combiner / Splitter



Rear View of 2-way C-band Passive Combiner / Splitter

As this is a passive unit it may be used as either a combiner or a splitter. This combiner has 50Ω N-type connectors but is available in a variety of impedances and connector types (model numbers will vary).



Technical specifications and operating parameters

RF Parameters	
Capacity	2- way
Frequency Range	5800-6500 MHz (C-band)
Insertion Loss	< 8 dB nominal, mean
Flatness	5800-6500 MHz ± 1.0 dB typical
Input Return Loss	> 10 dB typical
Output Return Loss	> 10 dB typical

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

Physical	
Connectors	N-type
Impedance	50 Ω
Dimensions	1U high x 200mm deep x 19" wide
Weight	2 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	None
LNB Power	None
PSU	None
Hot-swap PSU	N/A

Key Features	
2-way passive combiner/splitter housed in a 19" rack mountable shelf	