Model Number: C0801S1ULA-F7F7

8-way Single L-band Active Combiner

Front View of Model C0801S1ULA

This single 8-way L-band active combiner gives excellent return loss and flatness, and is housed in a 1U high shelf. This unit also benefits from dual redundant power supplies for reliability in service.

Monitoring of the dual redundant power supplies can be done via front panel LED's which provide a visual status of the power supplies and via a dry contact alarm port on the rear panel.

Rear View of Model C0801S1ULA-N5N5

This particular combiner is supplied with 75 ohm F-type connectors, but is available in a variety of impedances and connector types (model numbers will vary).

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8-way Single L-band Active Combiner

Technical specifications and operating parameters

RF Parameters		
Capacity		8- way
Frequency Range		850-2150 MHz (L-band)
Gain		1 dB ± 1.5 dB nominal
Flatness	850-2150 MHz	± 0.7 dB typical
	Any 36MHz band	± 0.3 dB typical
1dB Compression		+ 10 dBm
Noise Figure		18 dB
Input Return Loss		14 dB typical
Output Return Loss		14 dB typical

System Control	
Display	Front panel LED's for Power and PSU status
Alarms	Dry Contact Alarm Port on rear panel for PSU failure

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

Physical	
Connectors	F-type
Impedance	75Ω
Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss (Front panel)

Power	
AC Power	85-264V AC (50/60Hz) Fused 2A
LNB Power	None
PSU	Dual redundant
Hot-swap PSU	No

Key Features
Dual redundant power supplies
Dry contact alarms for PSU failure
LED's to monitor status of PSU's

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