



Model Number: **D0104S1ULP-xxxx**

4-way Single L-band Passive Splitter/ Combiner

DC & 10 MHz pass



This single 4-way passive L-band splitter/combiner operates over the frequency range of 850-2150 MHz and is housed in a 1U high, 19" rack mountable shelf.

Front View of Model D0104S1ULP-xxxx

This unit passes DC and 10 MHz on all ports. As this is a passive unit it may be used as either a splitter or a combiner.



Rear View of Model D0104S1ULP with 50 ohm N-type connectors

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

Key Features

- 4-way L-band (850-2150 MHz) Passive Splitter/Combiner
- DC & 10 MHz pass on all ports



Model Number: D0104S1ULP-xxxx

4-way Single L-band Passive Splitter/Combiner , DC & 10 MHz pass on all ports

RF Engineering and Custom Build

Technical specifications and operating parameters

RF Parameters

Capacity	4 way					
Frequency Range	850-2150 MHz (L-band)					
RF Connectors	50Ω SMA	N-type	50Ω BNC	75Ω BNC	75Ω F-type	
Flatness	850-2150MHz	±0.5 dB	±0.5 dB	±0.75 dB	±0.75 dB	±0.75 dB
	Any 36MHz	±0.25dB	±0.25dB	±0.4dB	±0.4dB	±0.4dB
Input Return Loss (Common port)	15 dB typ	15 dB typ	15 dB typ	15 dB typ	12 dB typ	
	12 dB min	12 dB min	10 dB min	9 dB min	9 dB min	
Output Return Loss	20 dB typ	20 dB typ	20 dB typ	15 dB typ	12 dB typ	
	15 dB min	15 dB min	15 dB min	12 dB min	10 dB min	
Isolation	23 dB typ	23 dB typ	23 dB typ	23 dB typ	23 dB typ	
Insertion Loss	7 ±0.5 dB	7 ±0.5 dB	7 ±1 dB	7 ±1 dB	7 ±1dB	

Environmental

Operating temperature	0 to 55°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	20 to 90% non-condensing

Physical

Dimensions	1U high x 200mm deep x 19" wide
Weight	2 kg
Colour	White 00-E-55 semi-gloss

Key Features

- 4-way L-band (850-2150) passive splitter/combiner
- DC & 10 MHz pass on all ports



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