



**Model Number: D0104S1UC1P-N5N5**

## 4-way Single C-band Passive Splitter / Combiner



This single 4-way passive C-band splitter or combiner operates over a frequency range of 3400-4200 MHz and is housed in a 1U high, 19" rack mountable shelf.

Front View of Model D0104S1UC1P-N5N5

This unit is designed where all items must be rack mountable. It can be expanded further to have dual 4-way modules in one shelf.



Rear View of Model D0104S1UC1P-N5N5

As this is a passive unit it may be used as either a splitter or a combiner.

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





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4-way Single C-band Passive Splitter / Combiner

RF Engineering  
and Custom Build

## Technical specifications and operating parameters

RF Parameters		
Capacity	4- way	
Frequency Range	3400-4200 MHz (C-band)	
Insertion Loss	8 dB nominal, mean	
Flatness	3400-4200 MHz	± 1.5 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	50Ω	
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		
4-way passive splitter/combiner housed in a 19" rack mountable shelf		

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