## Model Number: C0201S1UC2P-N5N5



## 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.



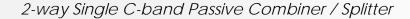


Rear View of 2-way C-band Passive Combiner / Splitter

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



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



ETL Systems Ltd, Coldwell Radio Station, Madley, Hereford, HR2 9NE, England

ETL Systems design, develop and manufacture specialist equipment for satellite ground stations. For a full description of the ETL product range, please see our website at <a href="https://www.etlsystems.com">www.etlsystems.com</a>. This product range provides the basis for meeting your specific demands.





Tel +44 (0)1981 259020 Fax +44 (0)1981 259021 info@etlsystems.com