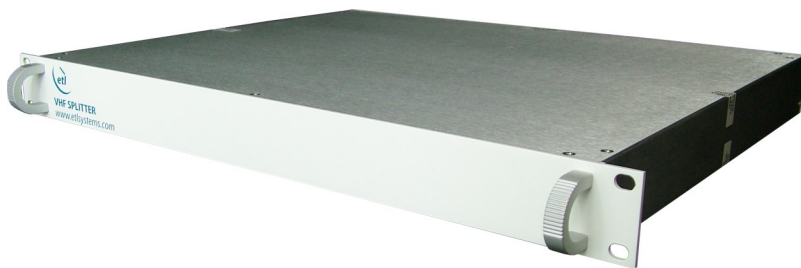




Model Number: D0108S1UBP-22363-xxxx

8-way Single VHF (50-300MHz) Passive Splitter / Combiner



Front View of Model D0108S1UBP-22363-N5N5

This single 8-way passive VHF splitter or combiner operates over the frequency range of 50-300MHz and is housed in a 1U high, 19" rack mountable shelf. All RF ports are DC blocked.

This unit is designed where all items must be rack mountable, and as this is a passive unit it may be used as either a splitter or a combiner.



Rear View of Model D0108S1UBP-22363-N5N5

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

- 8-way VHF (50-300MHz) Passive Splitter/Combiner
- Housed in a 1U high chassis





Model Number: D0108S1UBP-22363-xxxx

8-way Single VHF (50-300MHz) Passive Splitter / Combiner

RF Engineering
and Custom Build

Technical specifications and operating parameters

RF Parameters						
Capacity		8- way				
Frequency Range		50-300 MHz (VHF)				
RF Connectors		50Ω SMA	50Ω N-type	50Ω BNC	75Ω BNC	50Ω F-type
Flatness	Typ.	±0.5 dB	±0.5 dB	±0.5 dB	±0.5 dB	±0.5 dB
	Min.	±1.0 dB	±1.0 dB	±1.0 dB	±1.0 dB	±1.0 dB
Input Return Loss	Typ.	23 dB	23 dB	20 dB	14 dB	14 dB
	Min.	20 dB	20 dB	18 dB	12 dB	12 dB
Output Return Loss	Typ.	23 dB	23 dB	20 dB	14 dB	14 dB
	Min.	20 dB	19 dB	18 dB	12 dB	12 dB
Insertion Loss Maximum		10.5 dB	10.5 dB	10.5 dB	10.5 dB	10.5 dB
Isolation		20 dB port to port, minimum				
Power						
AC Power		N/A				
LNB Power		None				
PSU		None				
Hot-swap PSU		N/A				

Environmental		
Operating temperature	0 to 45°C	
Location	Indoor use only	
Storage temperature	-20°C to +75°C	
Humidity	85% non-condensing	Relative Humidity
Physical		
Dimensions	1U high x 350mm deep x 19" wide	
Weight	2 kg (TBC)	
Colour	White 00-E-55 semi-gloss	
Key Features		
VHF (50-300MHz) Passive Splitter/Combiner		
Housed in a compact 1U high chassis		

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