



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



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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					

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

Power	
AC Power	N/A
LNB Power	None
PSU	None
Hot-swap PSU	N/A

Key Features	
VHF (50-300MHz) Passive Splitter/Combiner	
Housed in a compact 1U high chassis	



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