



Model Number: **D0116S1UIP-xxxx**

# 16-way Single IF Passive Splitter/ Combiner

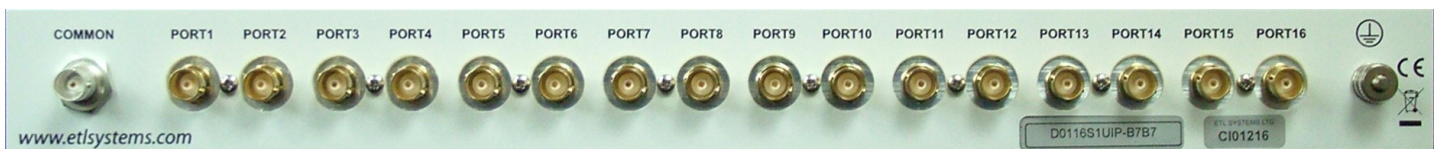
DC blocked on all ports



This single 16-way passive L-band splitter/combiner operates over the frequency range of 50-200 MHz and is housed in a 1U high, 19" rack mountable shelf.

Front View of Model D0116S1UIP-xxxx

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



Rear View of Model D0116S1UIP with 75 ohm BNC connectors

This unit is available in a variety of impedances and connector types (model numbers will vary).

## Key Features

- 16-way IF (50-200 MHz) Passive Splitter/Combiner
- DC blocked on all ports



# Model Number: D0116S1UIP-xxxx

16-way Single IF Passive Splitter/Combiner, DC blocked on all ports

RF Engineering and Custom Build

## Technical specifications and operating parameters

RF Parameters						
Capacity	16 way					
Frequency Range	50-200 MHz (IF band)					
RF Connectors	50Ω SMA	N-type	50Ω BNC	75Ω BNC	75Ω F-type	
Flatness	850-2150MHz	±0.75 dB	±0.75 dB	±1dB	±1.25 dB	±1.25 dB
	Any 36MHz	±0.25dB	±0.25dB	±0.5dB	±0.75dB	±0.75dB
Input Return Loss	18 dB typ	18 dB typ	14 dB typ	12 dB typ	12 dB typ	
	15 dB min	15 dB min	10 dB min	9 dB min	9 dB min	
Output Return Loss	18 dB typ	18 dB typ	14 dB typ	12 dB typ	12 dB typ	
	15 dB min	15 dB min	10 dB min	9 dB min	9 dB min	
Isolation	23 dB typ	23 dB typ	23 dB typ	23 dB typ	23 dB typ	
Insertion Loss	13±1dB	13±1dB	13±1.25 dB	13±1.5 dB	13±1.5 dB	

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 350mm deep x 19" wide
Weight	1.5 kg
Colour	White 00-E-55 semi-gloss

Key Features	
16-way IF (50-200) passive splitter/combiner	
DC blocked on all ports	



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