



Model Number: D0104C1UCP-22360-xxxx

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

with -20dB coupled port for monitoring



This single 4-way passive C-band splitter or combiner operates over the frequency range of 3625-4200 MHz and is housed in a 1U high, 19" shelf.

Front View of Model D0104C1UCP-22360-xxxx

This unit has a -20dB monitoring port located on the rear panel to allow monitoring of the common port signal. As this is a passive unit it may be used as either a splitter or a combiner.



Rear View of Model D0104C1UCP-22360-xxxx

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

## Key Features

- 4-way passive C-band (3625-4200 MHz) splitter/combiner
- -20 dB Monitoring port for common port signal





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4-way Single C-band Passive Splitter / Combiner with  
20dB coupled port for monitoring

Technical specifications and operating parameters

RF Engineering  
and Custom Build

### RF Parameters

Capacity	4- way		
Frequency Range	3625-4200 MHz (C-band)		
Insertion Loss	8.0 dB $\pm$ 1dB		
Coupled Path Insertion Loss	20dB $\pm$ 2 dB		
Flatness	$\pm$ 1.0dB		
Coupled Port Flatness	$\pm$ 1.5 dB		
Isolation	Typical	25 dB	Between any 2 RF output ports
	Minimum	18 dB	
Input Return Loss	Typical	16 dB	
	Minimum	12dB	
Output Return Loss	Typical	25 dB	
	Minimum	20 dB	
Coupled port Return Loss	Typical	18 dB	
	Minimum	12 dB	

### System Control

Monitoring	-20 dB Monitoring port for common port signal
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### Environmental

Operating temperature	0 to 55°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% non-condensing

### Physical

Input Connector	N-type or SMA
Input Impedance	50 $\Omega$
Output Connector	N-type or SMA
Output Impedance	50 $\Omega$
Dimensions	1U high x 250mm deep x 19" wide
Weight	3 kg (TBC)
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 C-band (3625-4200 MHz) splitter/combiner
- 20 dB Monitoring port for common port signal

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