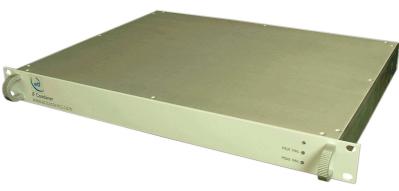


Model Number: C0401S1UIA-B7B7

4-way Single IF Active Combiner



This single 4-way active IF combiner operates over a frequency range of 20-200 MHz and is housed in a 1U high shelf.

Front View of Model C0401S1UIA-B7B7

This unit benefits from dual redundant power supplies for reliability in service, which can be monitored via front panel LEDS and via a dry contact alarm port on the rear panel.

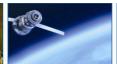


Rear View of Model C0401S1UIA-B7B7

This particular unit is supplied with 75 ohm BNC connectors, but is available in a variety of impedances and connector types (model numbers will vary).

















Model Number: C0401S1UIA-B7B7

4-way Single IF Active Combiner

RF Engineering and Custom Build

Technical specifications and operating parameters

RF Parameters				
Capacity		4- way		
Frequency Range		20-200 MHz (IF)		
Gain		1.5 ± 1 dB nominal mean across band		
Flatness	Over 20-200 MHz	± 0.75 dB		
	70 ± 20 MHz or 140 ± 40 MHz	± 0.5 dB		
1dB Compression		+8 dBm		
Noise Figure		16 dB		
Input Return Loss		20 dB		
Output Return Loss		20 dB		

	System Control
Display	Front Panel LED's for LNB Power & PSU status
Alarms	Dry contact alarm port on rear panel for PSU failure

Environmental		
Operating temperature	0 to 45°C	
Location	Indoor use only	
Storage temperature	-20°C to +75°C	
Humidity	85% non-condensing	

Physical		
Input Connector	BNC	
Input Impedance	75Ω	
Output Connector	BNC	
Output Impedance	75Ω	
Dimensions	1U high x 350mm deep x 19" wide	
Weight	6 kg	
Colour	White 00-E-55 semi-gloss (Front panel)	

Power		
AC Power	85-264V AC (50/60Hz), Fused 2A	
LNB Power	None	
PSU	Dual Redundant	
Hot-swap PSU	None	

Key Features

Housed in a compact 1U high rack

Dual redundant power supplies

Front Panel LED's for power & PSU status

Dry contact alarm port on rear panel for PSU failure

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