



Model Number: C0801S1UIA-B7B7

8-way Single IF Active Combiner



This single 8-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 C0801S1UIA-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 C0801S1UIA-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: C0801S1UIA-B7B7

RF Engineering
and Custom Build

8-way Single IF Active Combiner

Technical specifications and operating parameters

RF Parameters

Capacity	8- way	
Frequency Range	20-200 MHz (IF)	
Gain	1 dB \pm 1 dB mean across band	
Flatness	Over 20-200MHz	\pm 0.5 dB
	70 \pm 20MHz or 140 \pm 40MHz	\pm 0.25 dB
1dB Compression	+10 dBm	
Noise Figure	16 dB	
Input Return Loss	12 dB typical	
Output Return Loss	15 dB typical	

System Control

Display	Front Panel LED's for 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 Connectors	BNC
Input Impedance	75 Ω
Output Connectors	BNC
Output Impedance	75 Ω
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	No

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

ETL SYSTEMS LIMITED
Coldwell Radio Station
Madley
Hereford
England HR2 9NE

TELEPHONE
+44 (0)1981 259020

EMAIL
info@etlsystems.com

FACSIMILE
+44 (0)1981 259021

WEB
www.etlsystems.com

