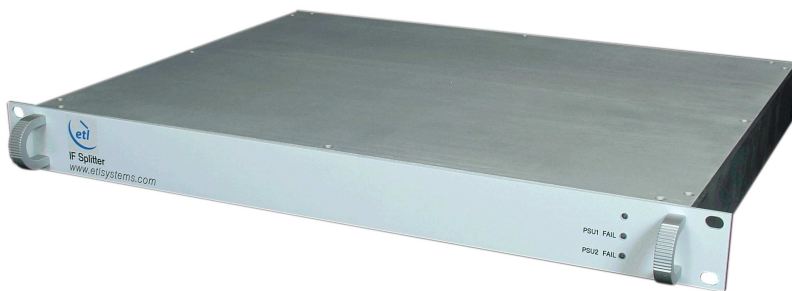




Model Number: **D0108S1UIA-B7B7**

RF Engineering
and Custom Build

8-way Single IF Active Splitter



This single 8-way IF active splitter, covers the 20-200MHz frequency range, and is housed in a 1U high shelf. The unit benefits from dual redundant power supplies for reliability in service.

Front View of Model D0108S1UIA-B7B7

Monitoring of the dual redundant power supplies can be done via front panel LEDs which provide a visual status of the power supplies and via a dry contact alarm port on the rear panel.



Rear View of Model D0108S1UIA with 50 ohm BNC connectors

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





Model Number: D0108S1UIA-B7B7

RF Engineering
and Custom Build

8-way Single IF Active Splitter

Technical specifications and operating parameters
PRELIMINARY SPECIFICATIONS

RF Parameters		
Capacity	8- way	
Frequency Range	20-200 MHz (IF)	
Gain	1 dB \pm 1 dB nominal mean across band	
Frequency Response	20-200MHz	\pm 0.4 dB
	Over any 36MHz	\pm 0.25 dB
1dB Compression	0 dBm	
Noise Figure	7 dB	
Input Return Loss	12 dB typical	
Output Return Loss	20 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	8 kg	
Colour	White 00-E-55 semi-gloss (Front panel)	
Power		
AC Power	90-264V AC (50/60Hz), Fused 2A	
LNB Power	None	
PSU	Dual Redundant	
Hot-swap PSU	No	
Key Features		
Dual redundant power supplies		
Front Panel LED's for Power & PSU status		
Dry contact alarm port for PSU failure		

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