



Model Number: C0801S1ULA-22326-xxxx

8-way Single L-band Active Combiner

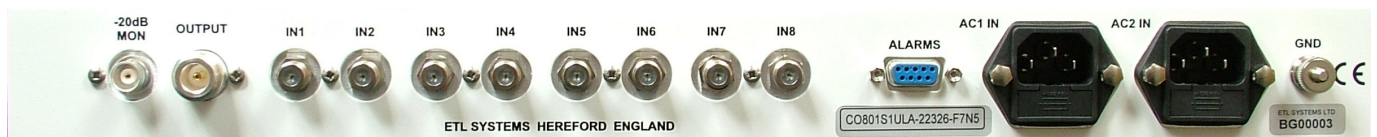
With -20 dB Monitoring Port



This single 8-way active combiner is housed in a 1U high, 19" rack mountable shelf and operates over the 850-2150MHz frequency range. The unit benefits from a -20dB monitoring port on the rear panel, which is supplied to monitor the output signal.

Front View of Model C0801S1ULA-22326-xxxx

Dual redundant power supplies are provided for reliability in service, which can be monitored visually via front panel status LEDs and via a dry contact alarm port on the rear panel.



Rear View of Model C0801S1ULA-22326-xxxx

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





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8-way L-band Active Single Combiner with -20 dB monitoring port

Technical specifications and operating parameters

RF Parameters						
Capacity	8-way					
Frequency Range	850-2150 MHz					
RF Connectors	50Ω SMA	50Ω N-type	50Ω BNC	75Ω BNC	75Ω F-type	
Gain	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	0 ± 2 dB	
Input Return Loss	16 dB typ	14 dB typ	14 dB typ	12 dB typ	12 dB typ	
Output Return Loss	16 dB typ	14 dB typ	14 dB typ	12 dB typ	12 dB typ	
Flatness	850-2150MHz	± 1.0 dB	±1.0dB	±1.0dB	±1.5dB	±2.0dB
	Any 36MHz	± 0.5 dB	±0.5dB	±0.5dB	±0.5dB	±0.5dB
1dB Compression	10 dBm					
Noise Figure	7 dB					
Input RF power	+10dBm					

Power		
AC Power	85-264Vac 50/60Hz	Fused 2A
AC Consumption	5.5W, Max. Consumption at steady state	
BUC Power	None	
PSU	Dual redundant	Diode OR
Hot-swap PSU	No	

Physical	
Dimensions	1U high x 350mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss

Environmental	
Operating temperature	0 to 45°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	20 to 90% non-condensing

System Control	
Display	Front Panel LED's for Power & PSU
Monitor Port	-20 dB Monitoring Port on rear panel
Alarms	Dry contact alarm port on rear panel for PSU failure

Key Features	
Dual redundant power supplies	
Front panel LEDs for visual status of amplifier and power supplies	

