



20dB L-band Coupler Panel with 16 coupler modules fitted

Typical applications:

- Telecom infrastructures
- Satellite systems
- Test and instrumentation
- Military Communications
- Radar Networks



850 - 2150 MHz
operating frequency range.



Minimal impact to failure with hot-swap coupler modules



20dB coupling factor
for RF monitoring



Compact
16 couplers mounted on a 2U panel

RF Parameters						
Capacity	16 Coupler Modules					
Frequency Range	850-2150 MHz (L-band)					
RF Connectors	50Ω SMA	50Ω N-type	50Ω BNC	75Ω BNC	75Ω F-type	
Insertion Loss	1.0 dB	1.0 dB	1.0 dB	1.0 dB	1.0 dB	
	±0.5 dB	±0.5 dB	±0.5 dB	±1.0 dB	±1.0 dB	
Gain Flatness	Full band	±0.5 dB	±0.5 dB	±0.5 dB	±0.75 dB	±0.75 dB
	Any 36MHz	±0.25 dB	±0.25 dB	±0.25 dB	±0.5 dB	±0.5 dB
Input Return Loss	Typical	18 dB	18 dB	18 dB	12 dB	12 dB
	Minimum	14 dB	12 dB	12 dB	8 dB	8 dB
Output Return Loss	Typical	18 dB	18 dB	16 dB	12 dB	12 dB
	Minimum	14 dB	12 dB	12 dB	8 dB	8 dB
Coupled Port	Insertion Loss	-20±1 dB			Typical, mean across band	
	Return Loss	8 dB			Minimum	
DC Pass	Thru Port			24V @ 1A Max		
Input RF Power	20 dBm			Absolute Maximum		

Preliminary Specifications

Environmental	
Operating temperature	0 to 50°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	20 to 90% non-condensing

Physical	
Dimensions	2U high x 100mm deep x 19" wide
Weight	8 kg
Colour	White 00-E-55 semi-gloss

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.
Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

