



10dB Extended L-band Coupler Panel with 16 coupler modules fitted

Typical applications:

- Telecom infrastructures.
- Satellite systems.
- Test and instrumentation.
- Military communications.
- Radar Networks



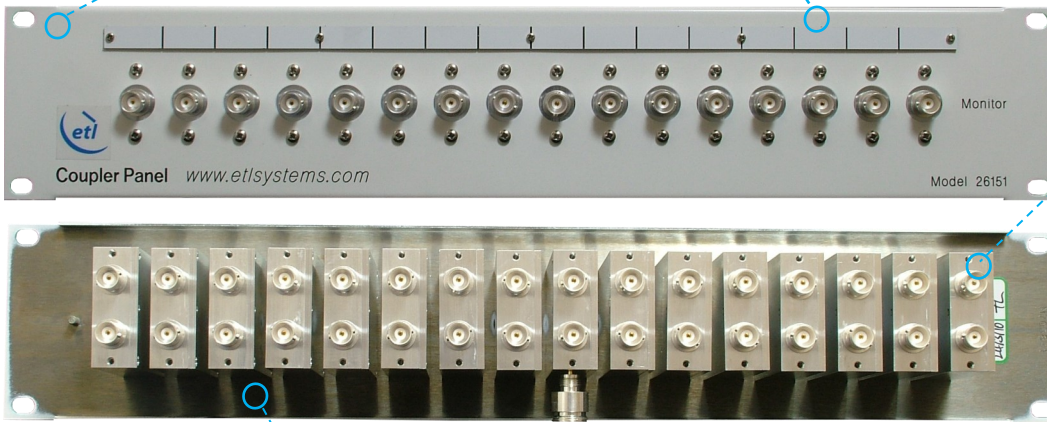
850 - 2450 MHz
operating frequency range. Ka-band ready



Compact
16 couplers mounted on a 2U panel



Minimal impact to failure with hot-swap coupler modules



10dB coupling factor
for RF monitoring

Technical specifications and operating parameters

RF Parameters						
Capacity	16 coupler modules					
Coupling factor	10 dB	Proximity type, with reset to output power.				
Frequency Range	850-2450 MHz (Extended L-band)					
RF Connectors	50Ω SMA	50Ω N-type	50Ω BNC	75Ω BNC	75Ω F-type	
Insertion Loss / NF	1.5 ± 0.5 dB					
Gain Flatness	Full band	± 0.8 dB	± 0.8 dB	± 0.8 dB	± 1.0 dB	± 1.0 dB
	Any 36MHz	± 0.25 dB	± 0.25 dB	± 0.25 dB	± 0.3 dB	± 0.3 dB
Return Loss (through path)	Typical	15 dB	15 dB	15 dB	12 dB	12 dB
	Minimum	12 dB	12 dB	12 dB	8 dB	8 dB
Output 1dB GCP	>20 dBm					

Environmental	
Operating temperature	0 to 50°C
Location	Indoor use only
Storage temperature	-20°C to +75°C
Humidity	85% 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.

