



RF Components

10 dB Coupler Module

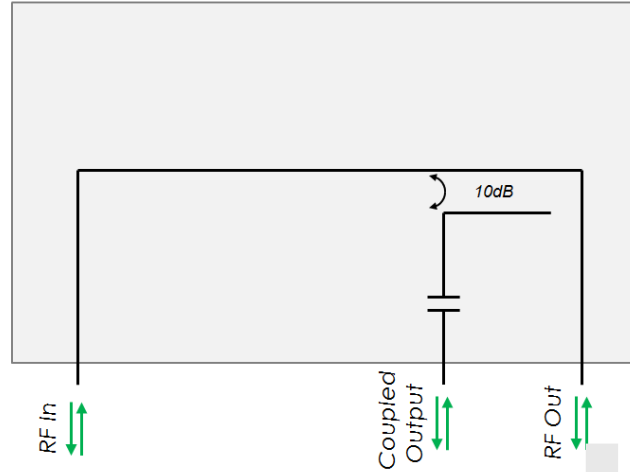
900-1500 MHz

Model Number:
CPL10L1P-4314

- For use in ETL Panel model CST-VIA-CPL-1008
- 1 coupled port on rear of unit
- 2 RF in/out ports on rear of unit.

Available with RF connector options:

- 50 Ω SMA



Coupler

RF Parameters	
Frequency Range	900-1500 MHz
RF Connectors	50Ω SMA
Insertion Loss	1.0 dB min
Flatness	±0.28dBm
Coupled Port Insertion Loss*	11.2 dBm typ
	12.0 dBm max
Input Return Loss	24 dB typ
	20 dB min
Output Return Loss	24 dB typ
	20 dB min
Coupled Port Return Loss	20 dB typ
	16 dB min
Directivity	15 dB typ
	10 dB min

Environmental	
Operating Temperature	0°C to 45°C
Storage Temperature	-20°C to +75°C
Location	Indoor use Only
Humidity	85% non-condensing
Altitude	3,000m (~10,000ft) Above Mean Sea Level

Max Operating Parameters	
Input RF Power	+37 dBm (5W)
DC Voltage	35V on any RF port
DC Current	N/A

*Coupled port Insertion loss is relative to the input port, typical Coupling of the unit is 10dB.

Broadcast



Marine Oil & Gas



SNG & VSAT



Satellite Teleport

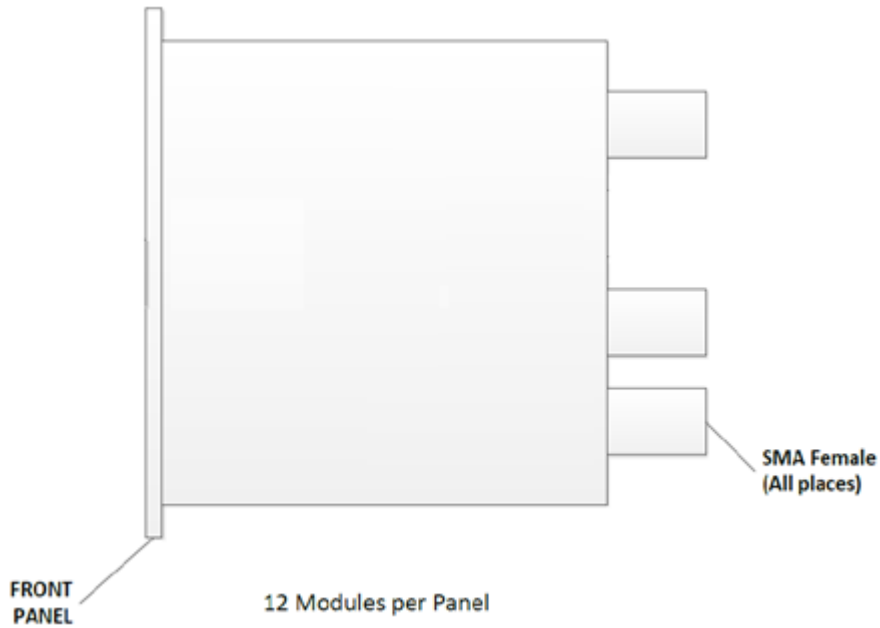




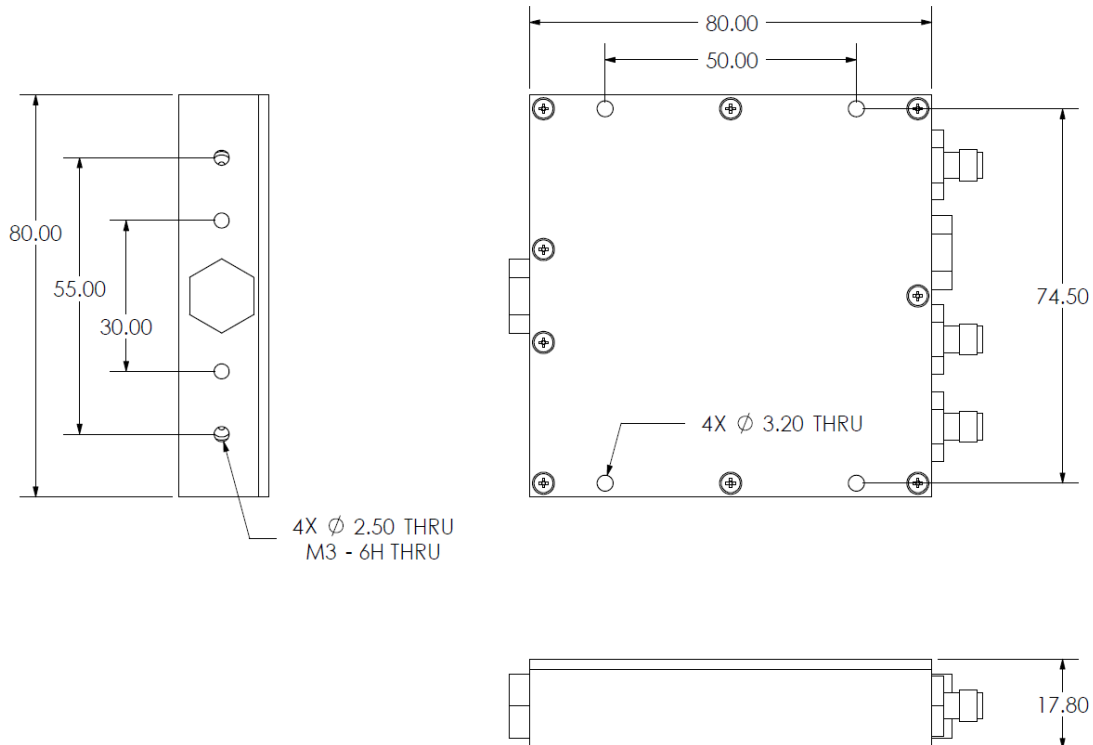
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Port Layout



Physical Dimensions (mm)



Note: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved specification accuracy.

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

