

# RF COUPLERS

Including IF and L-band

ETL couplers provide passive 10dB or 20dB directional proximity coupling, for RF monitoring over IF and L-band.

These devices are designed with a number of options for 10MHz and DC passing/blocking on the through line and/or coupled ports. IP65 rated housings are also available.

## Key Features

- 10dB and 20dB coupling factors
- Low insertion loss



Directional  
Couplers



Proximity  
Couplers

**Directional Coupler Product List**

Model Number	RF Connectors	Frequency Range	Coupling Factor (dB)	Directivity Typ. (dB)	DC Pass	DC Block
CPL20L1P-4306	S5, N5, B5, B7, F7	850 - 2150 Mhz	20	14	Thru path	Coupled port
CPL10L1P-4307	S5, N5, B5, B7, F7	850 - 2450 Mhz	10	14	Thru path	Coupled port
ODU-4306	S5, N5	850 - 2150 Mhz	20	14	Thru path	Coupled port
ODU-4307	S5, N5	850 - 2150 Mhz	10	14	Thru path	Coupled port
ODU-436005	N5	850 - 2450 Mhz	10	14	Thru path	Coupled port

**Proximity Coupler Product List**

Model Number	RF Connectors	Frequency Range	Coupling Factor (dB)	DC Pass	DC Block
CPL10L1P-4303	B5, B7, F7, S5, N5	850 - 2450 MHz	10	None	All ports
CPL10L1P-4305	B5, B7, S5, N5, F7	850 - 2150 Mhz	10	Thru path	Coupled port
CPL20L1P-4301	B5, S5, N5, B7, F7	850 - 2150 Mhz	20	None	All ports
CPL20L1P-4304	B5., B7, S5, N5, B5	850 - 2150 Mhz	20	Thru path	Coupled port
CPL20L1P-4310	B7, S5, N5, F7	850 - 2150 Mhz	20	None	Coupled port

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.