

Product Specification



CCDP-621

850 B Band Duplexer

- **Passes 850 B and B' Bands**
- **Use for SMR / Public Safety Rejection**
- **Close-In Interference Rejection**

Electrical Specifications

PASSBAND		
RECEIVE		835 – 849 MHz
TRANSMIT		880 - 894 MHz
PASSBAND INSERTION LOSS		1.5 dB Max.
PASSBAND LOSS VARIATION		1.0 dB Max.
PASSBAND RETURN LOSS		18 dB Min.
ISOLATION		
TRANSMIT TO RECEIVE		80 dB Min.
RECEIVE TO TRANSMIT		80 dB Min.
REJECTION		
ANT TO RECEIVE		
851 – 866 MHz		65 dB Min
ANT TO TRANSMIT		
896 – 901 MHz		30 dB Min.
PASSIVE INTERMODS		-110 dBm
POWER HANDLING		800W Avg. / CW - 16 kW Peak
MONITOR PORT		-40 dB ± 2.0 Db

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Environmental Specifications

ENVIRONMENTAL	Per ETS-300
WEATHERIZATION	Per IP-65 (IP-67 Optional)
OPERATING TEMPERATURE	-0° to +60°C Operating
LIGHTNING PROTECTION	Per EN / IEC 61000 4-5, Level 4

Mechanical Specifications

CONNECTORS	Type 'N Female (Ant, Tx, Rx) SMA Female (Monitor Port)
SIZE	10.0" x 10.25" x 3.0" Excluding Connectors
WEIGHT	Approx.: 20 lbs.

