

Product Specification



CCDP-631

850 A Band Duplexer

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

Electrical Specifications

PASSBAND	
RECEIVE	824 – 846.5MHz
TRANSMIT	869 – 891.5 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	40 dB Min
ANT TO TRANSMIT	
865 MHz	40 dB Min.
896 – 901 MHz	40 dB Min.
PASSIVE INTERMODS	-110 dBm
POWER HANDLING	800W Avg. / CW - 16 kW Peak
MONITOR PORT	-40 dB \pm 2.0 dB

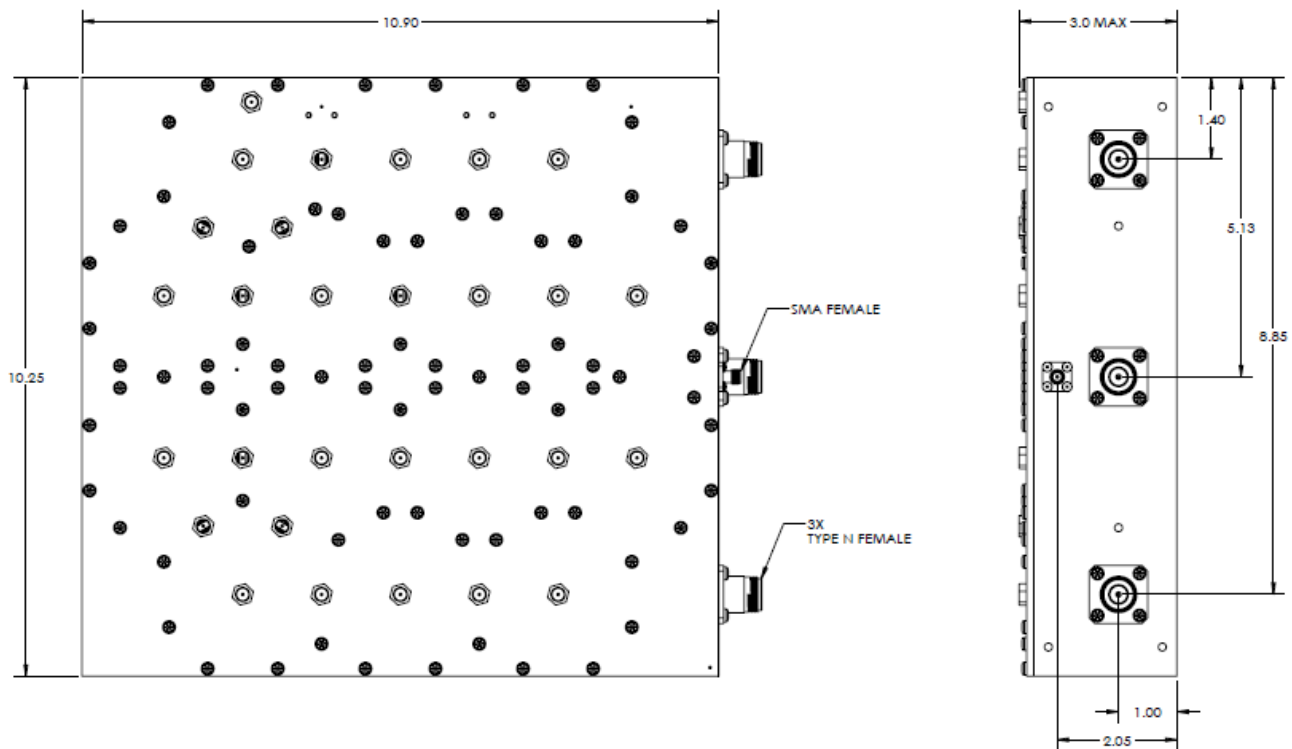
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Environmental Specifications

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	10.9" x 10.25" x 3.0" Excluding Connectors
WEIGHT	Approx.: 20 lbs.



OUTLINE DRAWING

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