

Product Specification



CCDP-836

700 / 800 Band PS Diplexer

- **Combines 700 and 800 Bands**
- **Low Loss / High Isolation**

Electrical Specifications

PASSBAND

COMMON PORT

760-805 MHz and 806-860 MHz

700 PUBLIC SAFETY BAND

760-805 MHz

800 PUBLIC SAFETY BAND

806-860 MHz

PASSBAND INSERTION LOSS

700 P/S PORT TO COMMON

760-802 MHz – 0.9 dB Max.

802-805 MHz – 2.5 dB Max.

800 P/S PORT TO COMMON

806-809 MHz – 2.5 dB Max.

809-860 MHz – 0.9 dB Max.

PASSBAND RETURN LOSS

21 dB Min.

PASSBAND GROUP DELAY VARIATION

150 nS Max.

REJECTION

700 P/S PORT TO COMMON

806-809 MHz - 28 dB Min.

809-860 MHz – 41 dB Min.

800 P/S PORT TO COMMON

760-802 MHz – 41 dB Min.

802-805 MHz – 25 dB Min.

POWER HANDLING

20 W CW / Avg. Per Port

Product Specification



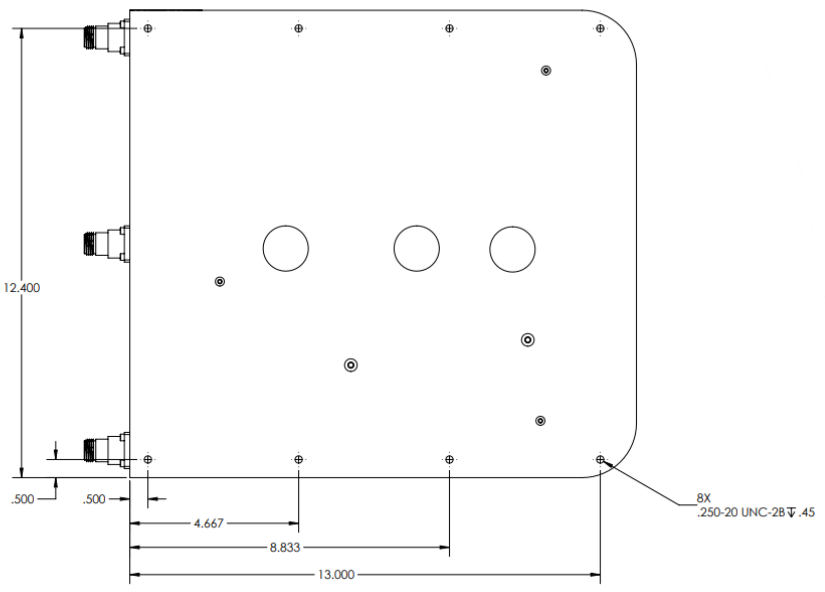
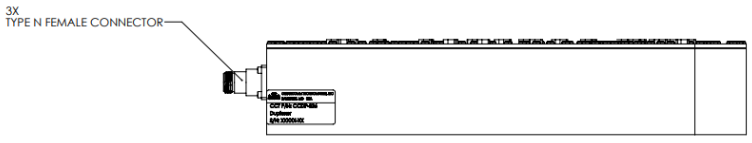
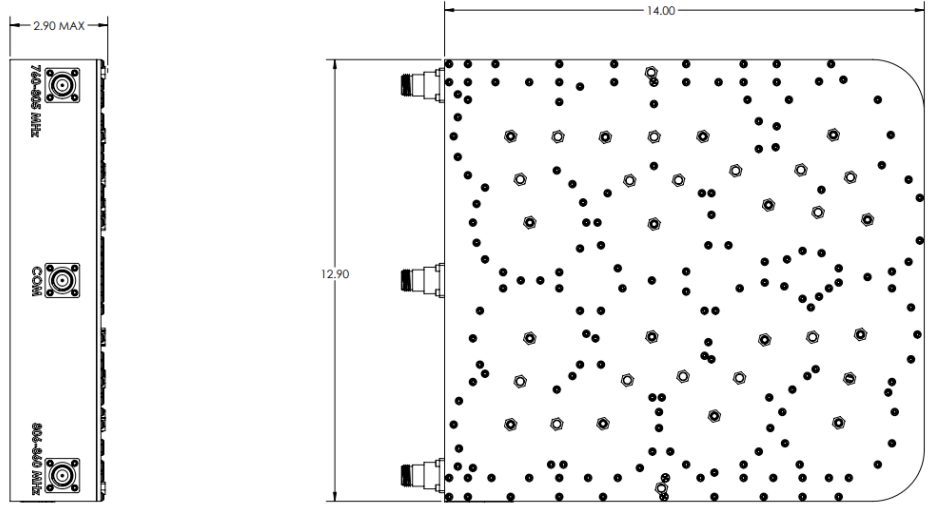
Environmental Specifications

OPERATING TEMPERATURE	-20° to +70°C Operating
ENVIRONMENTAL	Per ETS-300
WEATHERIZATION	Per IP-65
LIGHTNING PROTECTION	EN / IEC 61000 4-5, Level 4

Mechanical Specifications

CONNECTORS	Type 'N' Female
SIZE	14.00 x 12.90 x 2.90" Max Excluding Connectors
WEIGHT	Approx. 18 lbs.

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