

# Product Specification



## CCFA-815

### Wideband Diplexer

- **Low Band Covers 700, 850, 1900 & AWS**
- **High Band Covers WCS and BRS Bands**
- **Low Loss / High Isolation**
- **Low PIM's -155 dBc**
- **Small Form Factor**

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## Electrical Specifications

### PASSBAND

LOW BAND PORT	698 – 894 & 1695-2180 MHz
HIGH BAND PORT	2305 - 2690 MHz

INSERTION LOSS 0.4 dB Max.

RETURN LOSS 20 dB Min.

PORT TO PORT ISOLATION 30 dB Min.

PASSIVE INTERMODS -155 dBc (2x +43 DBm Tones)

POWER HANDLING 50 W CW / Avg. Per Port  
500 W Peak

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## Environmental Specifications

OPERATING TEMPERATURE -20° to +60°C Operating

ENVIRONMENTAL Per ETS-300

WEATHERIZATION Per IP-65 (IP-67 Optional)

LIGHTNING PROTECTION Per EN / IEC 61000 4-5, Level 4



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## Mechanical Specifications

CONNECTORS

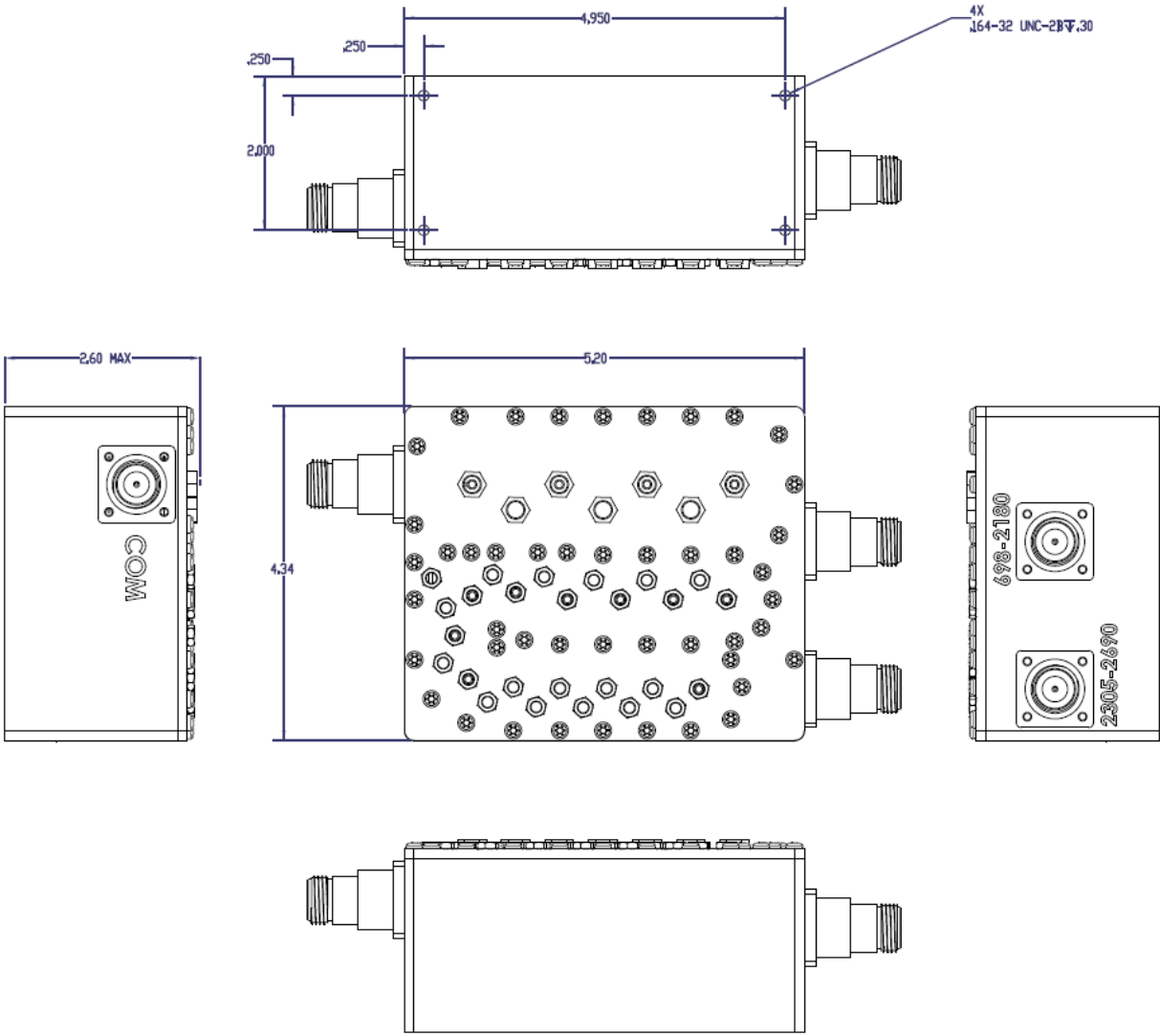
4.3/10.0 Female – High and Low Band Ports  
Type ‘N’ Female – Common Port  
Other Connector Options Available

SIZE

4.95” x 4.34” x 2.6” Excluding connectors.

WEIGHT

Approx. 5 lbs.



### OUTLINE DRAWING