

Product Specification



CCFA-591 Multiband Combiner

Combines Common Wireless Bands

- 700 Lower B/C
- 700 Upper C
- 850 / 1900 / AWS

Electrical Specifications

FREQUENCY RANGE	
COMMON PORT	704 – 2155 MHz
700 LOWER B/C PORT	704 – 745 MHz
700 UPPER C PORT	747 – 787 MHz
850 BAND PORT	824 – 894 MHz
1900 BAND PORT	1850 – 2000 MHz
2100 BAND PORT	1710 – 1755 MHz & 2110 – 2155 MHz
PASSBAND INSERTION LOSS	1.2 dB Max.
PASSBAND RETURN LOSS	20 dB Min.
PORT TO PORT ISOLATION	30 dB Min.
PASSIVE INTERMODS	-150 dBc
POWER HANDLING	50 W CW / Avg, 800 W Peak

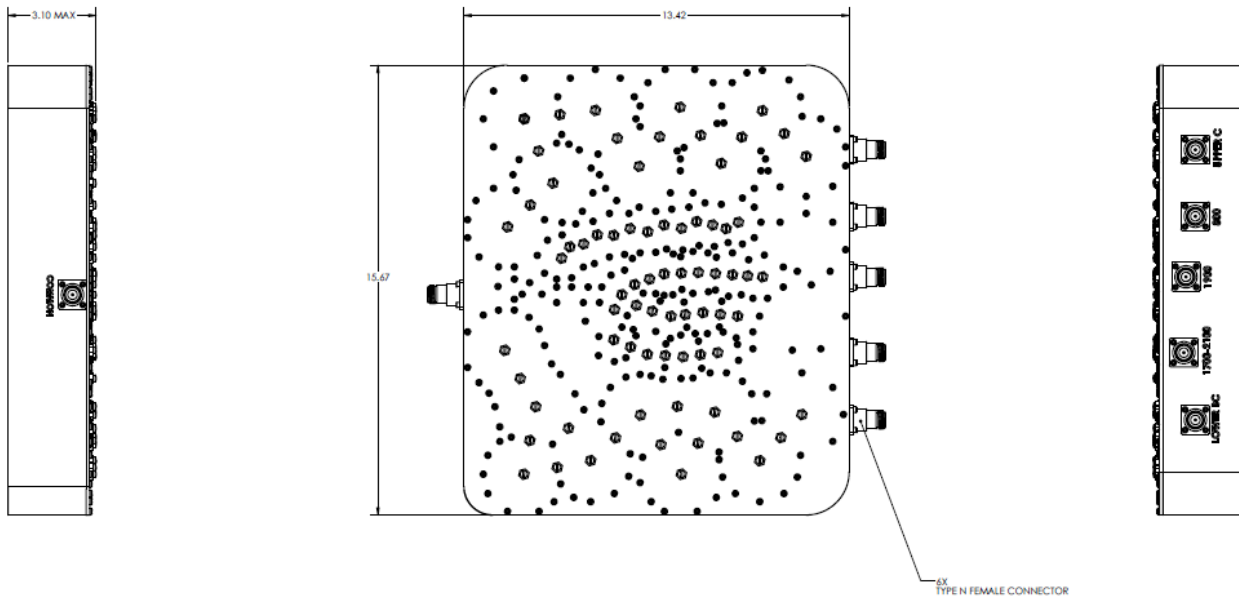
Environmental Specifications

OPERATING TEMPERATURE	-0° to +50° Operating
ENVIRONMENTAL	Per ETS-300
WEATHERIZATION	Per IP-65 (IP-67 Optional)
LIGHTENING PROTECTION	Per EN / IEC 61000 4-5, Level 4

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Mechanical Specifications

CONNECTORS	4.3/10.0 Female (Long Neck) Optional: 7/16 DIN, Type 'N'
SIZE	15.7 x 13.4 x 3.1" Excluding Connectors
WEIGHT	Approx. 15 lbs.



OUTLINE DRAWING