

# Product Specification



## CCFA-591 Multiband Combiner

### Combines Common Wireless Bands

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

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## 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

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## Environmental Specifications

### OPERATING TEMPERATURE

-0° to +50° Operating

### ENVIRONMENTAL

Per ETS-300

### WEATHERIZATION

Per IP-65 (IP-67 Optional)

### LIGHTENING PROTECTION

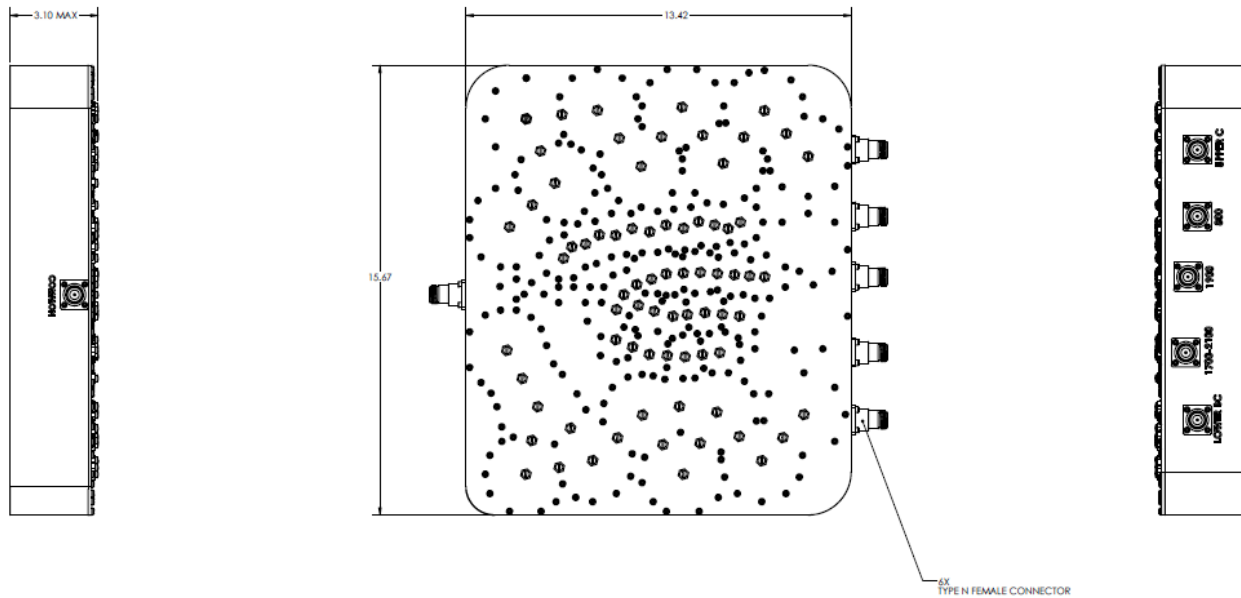
Per EN / IEC 61000 4-5, Level 4

Rev: 071019

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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**

Rev: 071019

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