

Product Specification



CCFA-729

Multiband Combiner

- **Covers 700-AWS, WCS, BRS Bands**
- **Compact Size with Low Loss**
- **High Isolation / PIM Rated**

Electrical Specifications

FREQUENCY RANGE

COMMON PORT	698 - 2690 MHz
700 - AWS PORT	698 - 894 & 1695-2180 MHz
WCS BAND PORT	2305 - 2360 MHz
BRS BAND PORT	2496 - 2690 MHz

PASSBAND INSERTION LOSS

700-AWS PORT, WCS PORT	0.5 dB Max.
BRS PORT	0.75 dB Max.

PASSBAND RETURN LOSS 20 dB Min.

PORT TO PORT ISOLATION 55 dB Min.

PASSIVE INTERMODS -153 dBc.

POWER HANDLING

700 - AWS PORT	80 W CW / Avg. 1200 W Peak
WCS and BRS PORTS	20 W CW / Avg. 400 W Peak

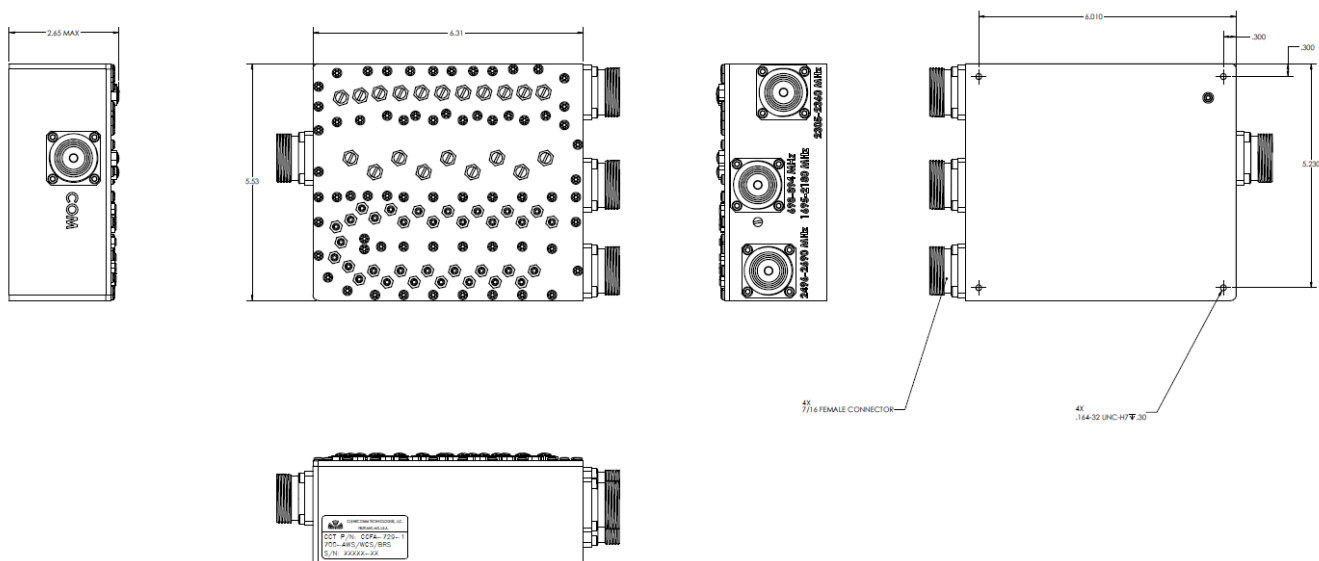
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Environmental Specifications

OPERATING TEMPERATURE	-40°C to +65°C Operating
ENVIRONMENTAL	Per IP-65 (IP-67 Optional)
ENVIRONMENTAL RATING	ETSI EN 300 019 Class 4.1, RoHS
LIGHTNING PROTECTION	EN / IEC 61000 4-5, Level 4

Mechanical Specifications

CONNECTORS	7/16 DIN Female Optional: 4.3/10.0, Type 'N'
SIZE	6.3" x 5.5" x 2.6" Excluding connectors
WEIGHT	Approx. 5 lbs



OUTLINE DRAWING