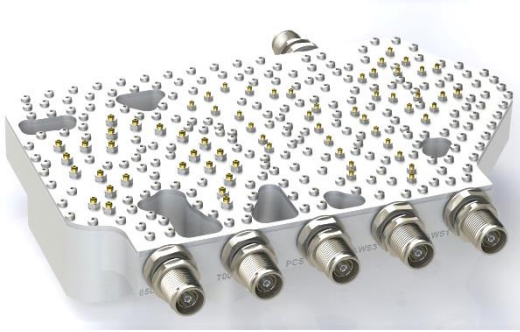


# Product Specification



## CCFA-829

### Multiband Combiner

- **Covers 700,850,1900,AWS1 & AWS3 Bands**
- **Compact Size with Low Loss**
- **Use With FORCE™ Neutral Host Combiner**
- **High Isolation / PIM Rated**

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## Electrical Specifications

### PASSBAND

COMMON PORT	698 - 2180 MHz
700 BAND PORT	698 - 787 MHz
850 BAND PORT	824 - 894 MHz
1900 BAND PORT	1850 - 1995 MHz
AWS1 BAND PORT	1715-1735 MHz & 2115-2135 MHz
AWS3 BAND PORT	1770 – 1780 MHz & 2170-2180 MHz

INSERTION LOSS	0.5 dB Max, 0.3 dB Typ.
RETURN LOSS	20 dB Min.
ISOLATION	30 dB Min, 50 dB Typ.
POWER HANDLING	100W Avg. / 500 W Peak
PASSIVE INTERMODS	-156 dBc

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## Environmental Specifications

OPERATING TEMPERATURE	-40° 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
ALTITUDE	3,000m Max. (10,000 Ft)
MEAN TIME BETWEEN FAILURES	10 <sup>7</sup> Hrs. Min

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# Product Specification

## Mechanical Specifications

CONNECTORS

4.3/10.0 Female

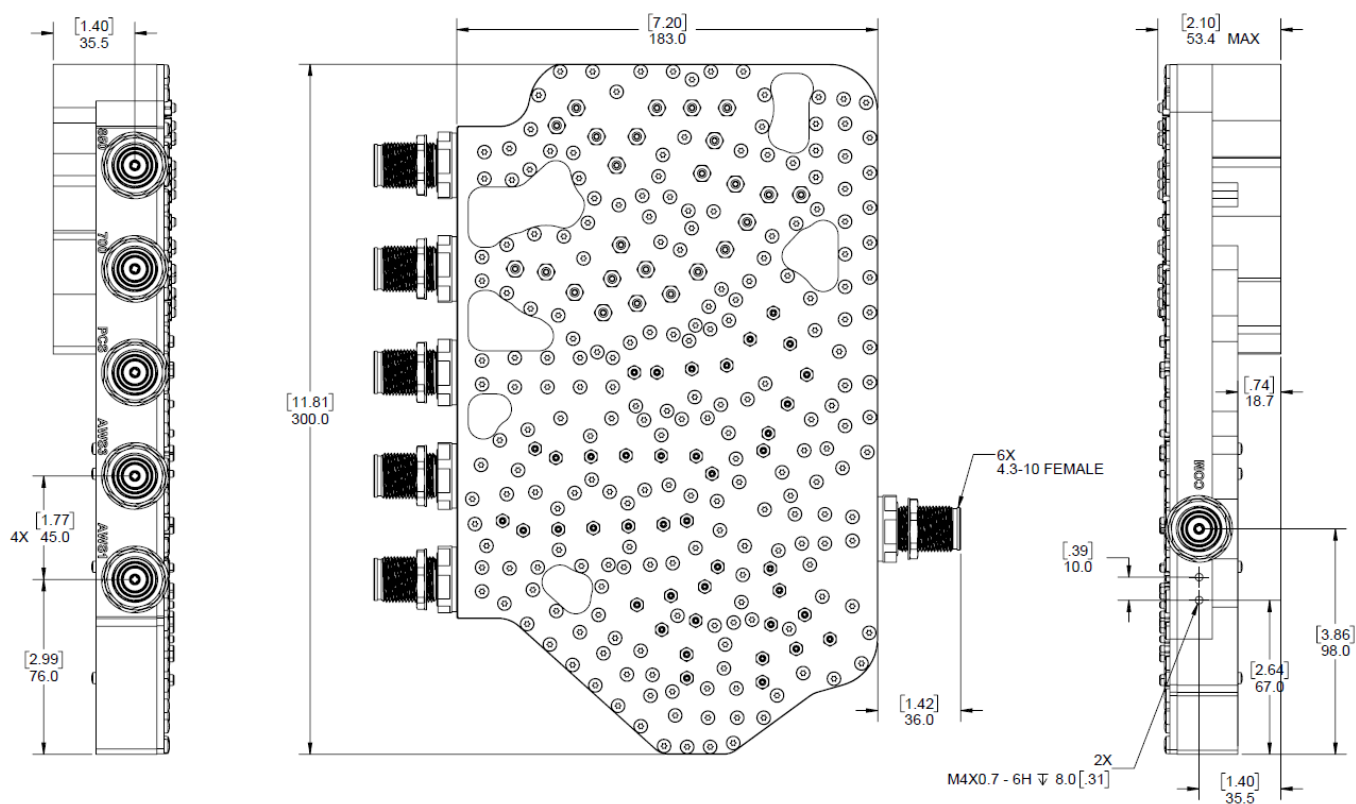
SIZE

300 x 183 x 53.4mm (11.81" x 7.20" x 2.10")

WEIGHT

Excluding Connectors

Approx. 5.5 kg (12 lbs.)



OUTLINE DRAWING

Rev: 080619