

# Product Specification

## CCFA-831-XDW

### Multiband Combiner - 700,850,1900,2300 Bands

- **Covers Commonly Used Wireless Bands**
- **Compact Size with Low Loss**
- **High Isolation / PIM Rated**

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## Electrical Specifications

PASSBAND	
COMMON PORT	698 - 2360 MHz
700 BAND PORT	698 - 787 MHz
850 BAND PORT	824 - 894 MHz
1900 BAND PORT	1850 - 1995 MHz
2300 BAND PORT	2305 – 2360 MHz
INSERTION LOSS	0.8 dB Max, 0.5 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-67
ENVIRONMENTAL RATING	ETSI EN 300 019 Class 4.1, RoHS
LIGHTENING 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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## Mechanical Specifications

CONNECTORS	4.3/10.0 Female
SIZE	T.B.D
WEIGHT	T.B.D.

Rev: 021819