Product Specification

CCFA-828
Multiband Combiner
- Covers 700,850,1900,AWS1,AWS3,WCS Bands
- Compact Size with Low Loss
- Use with FORCE™ Neutral Host Combiner
- High Isolation / PIM Rated

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
- AWS1 BAND PORT: 1710 - 1715 MHz & 2110-2115 MHz
- AWS3 BAND PORT: 1760 – 1770 MHz & 2160-2170 MHz
- WCS BAND: 2305 – 2360 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

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: 10^7 Hrs. Min

Rev: 080619
### Mechanical Specifications

**CONNECTORS**
- 4.3/10.0 Female (Long Neck)

**SIZE**
- 300 x 200 x 53.4mm (11.81” x 7.87” x 2.10”)

**WEIGHT**
- Excluding Connectors
- Approx. 3.3 kg (7.5 lbs.)

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OUTLINE DRAWING

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ClearComm Technologies

*Clearly the Choice!*

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