

# Product Specification



## CCFA-797-XDW

### In Band Combiner

**850 A Band LTE/CDMA**

**Low Loss Combining**

**Connector Options – 4.3/10.0 & DIN**

**Weatherized Construction**

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## Electrical Specifications

PASSBAND COMMON	825.25-834.11 & 870.25-879.11 MHz
CDMA PORT (F1-F3)	830.42 - 834.11 MHz 875.42 – 879.11MHz
LTE PORT (CH 2435)	825.25 – 829.75 MHz 870.25 – 874.75 MHz
PASSBAND INSERTION LOSS	0.6 dB Typ. 1.0 dB Max.
PASSBAND RETURN LOSS	20 dB Min.
PORT TO PORT ISOLATION	30 dB Min.
GROUP DELAY (any 1.23 MHz CDMA Channel)	120 nS Max.
POWER HANDLING	100 W CW / Avg. Per Port

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## Environmental Specifications

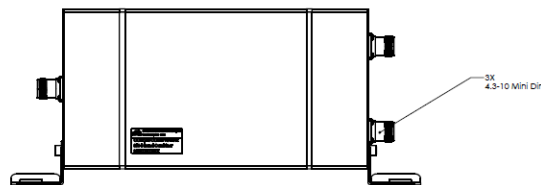
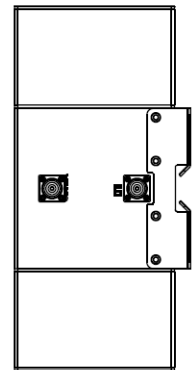
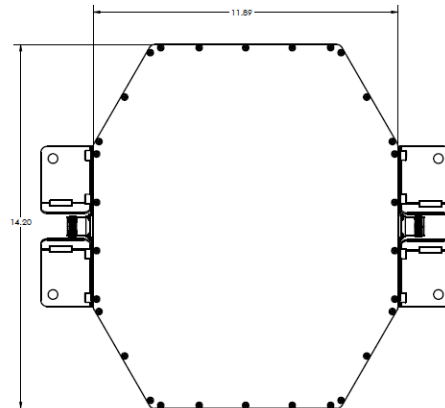
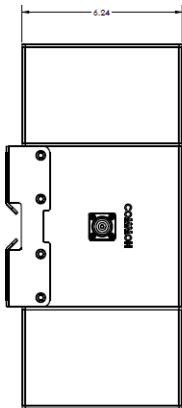
OPERATING TEMPERATURE	-20° to +60°C Operating
ENVIRONMENTAL	Per ETS-300
WEATHERIZATION	Per IP-65 (IP-67 Optional)
LIGHTNING PROTECTION	Per EN / IEC 61000 4-5, Level 4

Rev: 080819

# Product Specification

## Mechanical Specifications

CONNECTORS	4.3/10.0 (Long Neck) Optional: 7/16 DIN, Type 'N'
SIZE	11.89 x 14.20 x 6.24" Excluding Connectors
WEIGHT	54 lbs



## OUTLINE DRAWING

Rev: 080819