CCFA-400-1
850 A / B Band Combiner

Low Loss Combining of 850 A&B Connector Options – 7/16 DIN / 4310
Indoor and Weatherized Versions
Several Mounting Options

Electrical Specifications
PASSBAND
COMMON
A BAND PORT, F8-F1, LTE 2460
B BAND PORT, F1-F8, LTE 2560
824.27 – 893.72 MHz
824.27-834.11 MHz & 869.27-879.11 MHz
835.91-848.72 MHz & 880.91-893.72 MHz

PASSBAND INSERTION LOSS
1.2 dB Max.

PASSBAND FLATNESS
0.5 dB Max over any 1.23 MHz Band

PASSBAND RETURN LOSS
20 dB Min.

GROUP DELAY
400 nS Absolute Variation, Fullband
250 nS Max. Variation, Fullband
150 nS Max. Variation, any 1.23 MHz Band

PORT TO PORT ISOLATION
Rx to Rx
Tx to Rx
Tx to Tx
30 dB Min.
60 dB Min.
30 dB Min.

STOPBAND REJECTION
A and B BAND Rx
30 dB Min. from 851-851.6 MHz
35 dB Min. from 851.6-866 MHz
30 dB Min. from 896-901 MHz

A and B BAND Tx
-153 dBc

PASSIVE INTERMODS
-50 dB

POWER HANDLING (Tx PORT)
300 W CW / Avg. 6 kW Peak

MONITOR PORT

Rev: 080119
Environmental Specifications

OPERATING TEMPERATURE  
-40° to +65°C Operating

ENVIRONMENTAL
Per ETS-300

WEATHERIZATION
Per IP-65 (IP-67 Optional)

LIGHTNING PROTECTION
Per EN / IEC 61000 4-5, Level 4

Mechanical Specifications

CONNECTORS
7/16 DIN Female, BNC Female on Monitor Port

SIZE
24.5” x 17.2” 3.1” Excluding connectors

WEIGHT
Approx.: 46 lbs.

OUTLINE DRAWING

Rev: 080119