



MCC4-000016A1

**NYFD ARCS 2 Band Combiner, Channels
11 / 12**

Electrical Specifications

FREQUENCY RANGE

Tx1 (F1)	483.0125 ±0.0125 MHz
Tx2 (F3)	484.7625 ±0.0125 MHz
Rx1 (F2)	486.0125 ±0.0125 MHz
Rx2 (F4)	487.7625 ±0.0125 MHz

INSERTION LOSS 3.0 dB Max

RETURN LOSS (All Ports) 20 dB Min.

ISOLATION

Tx to Rx	70 dB Min.
Rx to Tx	70 dB Min.
Tx1 to Tx2	50 dB Min. (60 dB Goal)
Rx to Rx	25 dB Min.

POWER HANDLING (Tx) 100 W Max. Per Tx Port

Environmental Specifications

OPERATING TEMPERATURE -20° to +65°C Operating

ENVIRONMENTAL Per ETS-300

WEATHERIZATION Per IP-65 (Indoor)

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

Mechanical Specifications

CONNECTORS

Type 'N' Female, Com Port, Rear Panel

Type 'N' Female, Tx Ports, Rear Panel

BNC Female, Rx Ports, Rear Panel

SIZE

Approx. 19" x 19" x 3 RU Excluding Connectors

WEIGHT

Approx. 37 lbs.

