

MCR Broadband Corner Reflector Antennas Series

With a higher front-to-back ratio (unwanted signal rejection) the MCR806 delivers superior performance in areas of concentrated RF signals.

Features

- 8.5 dB forward gain to aim signal in desired direction.
- Covers the entire band without tuning.
- RG-213/U cable with male connector.
- Rugged construction.



MCR806

MCR806 RF/Electrical Specifications

Frequency Range	Factory Tuned Frequency	Gain	Bandwidth @ 1.5:1 VSWR	Horizontal Beamwidth @ 1/2 Power	Vertical Beamwidth @ 1/2 Power	Front-to-Back Ratio
806-960 MHz	835 MHz	8.5 dB	90 MHz	45°	56°	23 dB

Mechanical Specifications

Dimensions	Weight (Mass)	Equivalent Flat Plate Area	Lateral Thrust @ Rated Wind	Bending Moment at Rated Wind
14" H x 14" W (355.6 x 355.6 mm)	3.8 lbs (1.7 kg)	1.92 ft ²	71 lbs	41.4 ft-lbs



Technical Data

Maximum Power: 100 watts
Nominal Impedance: 50 ohms
Construction Material: 6061-T6 aluminum panels
ESD Protection: DC grounded
Wind Survival: 100 mph
Termination: 24" jumper with N male connector
Mounting Hardware: 1-1/4" U bolts (supplied)
Maximum Mount Pipe Diameter: 1-1/4"