

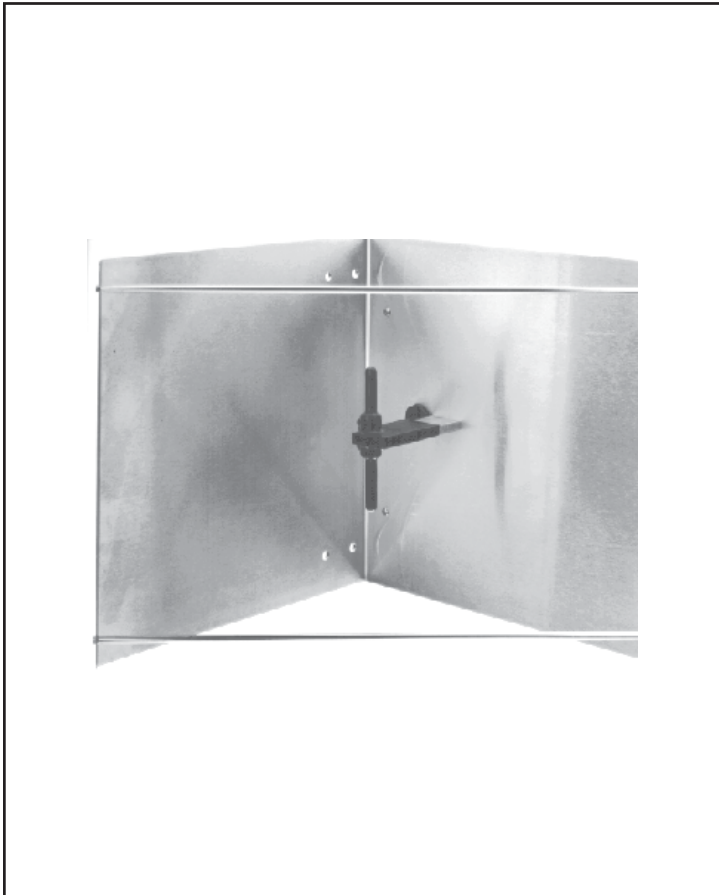
MCR 806/900 BROADBAND CORNER REFLECTOR

WHERE TO MOUNT THE ANTENNA

The MCR806 and MCR900 corner reflectors may be mounted on any mast of 1-1/4" in diameter.

MOUNTING INSTRUCTIONS

1. The corner reflector antenna is completely assembled at the factory.
2. Slide a U-bolt over the mast and through one set of holes in the antenna. Repeat the same for the other U-bolt and the mounting holes.
3. Attach the cable from the antenna to the feed line from the transmitter and cover the connection with the connector boot. Secure the cables to the mast to eliminate strain along the cable route.



MECHANICAL SPECIFICATIONS

Part Number	MCR806	MCR900
Rated Wind Velocity	100 mph	
Lateral Thrust	111 lbs.	
Equivalent Flat Plate Area	1.90 ft ²	
Height	14 inches	
Weight	4.4 lbs.	
Material	Heavy aluminum	
Mounting	2 U-bolts furnished to mount on vertical masts of up to 1-1/4" O.D.	
Shipping Information	Weight: 5 lbs. Dimensions: 16-1/2" x 16-1/2" x 16-1/2"	

ELECTRICAL SPECIFICATIONS

Part Number	MCR806	MCR900
Power (watts)	100 Max.	
Gain (forward)	8.5 dB Min.	
Front-to-Back Ratio	23 dB Min.	
Frequency (MHz)	806-896	896-970
Bandwidth (MHz)	64	
VSWR	Less than 1.5:1	
Impedence (Ohms)	50 Nominal	
Vertical Beamwidth	56°	
Horizontal Beamwidth	45°	
Termination	RG213/U with "N" connector (supplied)	

CAUTION AND WARNING!

YOU COULD BE *KILLED* IF THIS ANTENNA COMES IN CONTACT WITH ELECTRIC POWER LINES OR IS BROUGHT IN PROXIMITY WITH A HIGH VOLTAGE FIELD. FOR YOUR OWN SAFETY USE EXTREME CAUTION WHEN INSTALLING THIS ANTENNA. KEEP AWAY FROM POWER LINES.

WARRANTY

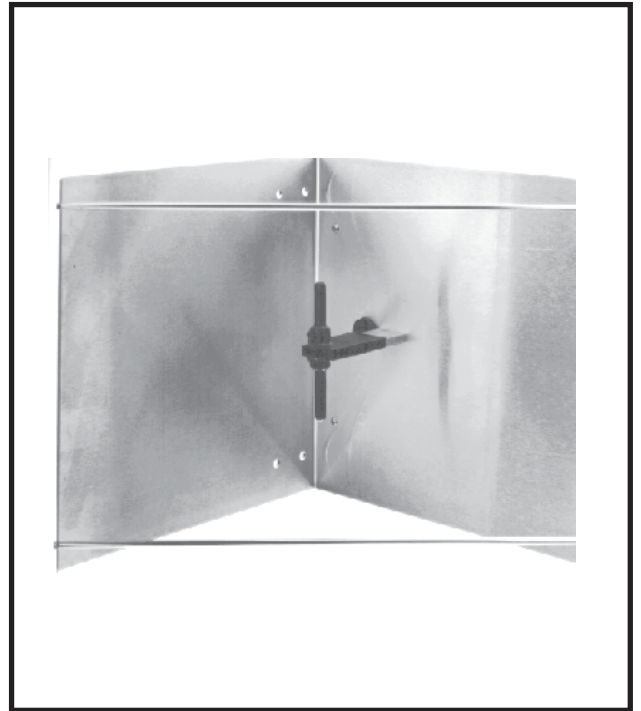
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RETURNS

In the unlikely event a defect occurs in this product, please work through the dealer or distributor from which this product was purchased. PCTEL Antenna Products Group, Inc. provides complete service and support to all of its dealers and distributors.



**471 Brighton Drive
Bloomington, Illinois 60108**



MCR SERIES INSTRUCTION SHEET

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Part #: MIS-MCR806-1