

CRV-1600/CRV-1600M

- CORNER REFLECTOR
- HIGH GAIN
- FIXED STATION
- TRANSPORTABLE



Applications

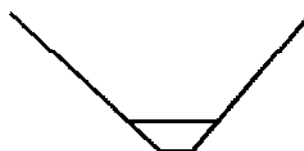
These rugged corner reflector antennas are designed for use in VHF communications circuits requiring improved electrical performance and resistance to extreme environments. The low side and back lobes make corner reflector antennas well suited to applications where interference may be encountered or where a very low level of coupling to other antennas on the same tower is desired.

Features

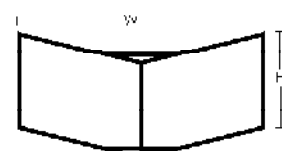
The broadband performance of a corner reflector makes it useable when a number of transmitters are multicoupled into one antenna. Rugged construction, corrosion resistance, and proven design make these antennas applicable to your most demanding requirements. When additional gain is required on a circuit, corner reflectors can be arrayed by using special wiring harnesses which are available as

optional equipment.

The CRV-1600M series antennas are lightweight, transportable antennas specifically designed for use with mobile applications. All hardware is captive and no tools are required for installation.



Top View



Front View

SPECIFICATIONS

Model	Frequency Range	Installed			Nominal Impedance	50 Ohms unbalanced
		Size (in) H x D x W	Stowed Size (in)	Weight (lbs)		
CRV-1608	88-108 MHz	86x49x95	N/A	154	Input Connector	Type "N"
CRV-1611	108-118 MHz	71x40x77	N/A	141	Front to Back Ratio	20 dB
CRV-1614	118-144 MHz	64x36x71	N/A	123	Wind Loading	150 mph wind, no ice
CRV-1617	144-174 MHz	55x31x60	N/A	100	Transportable	100 mph wind, no ice
CRV-1620	174-216 MHz	44x25x49	N/A	85	Mounting	3" IPS pipe
CRV-1608M	88-108 MHz	86x49x95	86x67x8	63	Gain	10 dBi
CRV-1611M	108-118 MHz	71x40x77	71x55x8	51	Beamwidth	
CRV-1614M	118-144 MHz	64x36x71	64x50x8	47	E-Plane	60° nominal
CRV-1617M	144-174 MHz	55x31x60	55x43x8	40	H-Plane	50° nominal
CRV-1620M	174-216 MHz	44x25x49	44x35x8	32	VSWR	2:1 maximum