

# SCR10-3500 CORNER REFLECTOR ANTENNA

#### PRODUCT OVERVIEW

The SCR directional corner reflectors use a half-wave configuration. The unique design provides high efficiency radiation without skewing the radiation pattern. The result is excellent bandwidth, gain and match over the frequency range.

This antenna is ideal for CBRS, Private LTE Applications and point to point or Multipoint Applications. Corner Reflector Antennas are generally valued due to having a wider vertical beamwidth than other infrastructure antennas with a similar gain.

A standard pole mount is included.

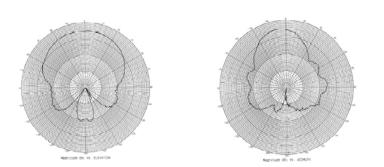
Visit our eStore to customize an Antenna Online.

Electrical Specifications						
Frequency & Gain	3.4 - 3.7 GHz, 10 dBi					
VSWR	<2:1					
Power Rating	25 Watts					
Impedance	50 Ohm Nominal					
Front-to-Back Ratio	30 dB					
Beamwidth	36° Azimuth, 87° Elevation					

Mechanical Specifications						
Radome Material/Color	White or Black Powder Coated ASA Plastic					
Cables	Custom Jumper Cable Assemblies are Available, Including LMR-400 or Similar.					
Radome Dimension	3.00" H x 5.50" W x 1.20" D (76 mm x 140 mm x 30 mm)					
Weight	0.75 lbs (0.34 kg)					
Connector	N female at rear of antenna					
Mounting Kit Included	Mounts up to OD pipe 2.50" Dia. (63 mm)					
Lightening Protection	External Recommended					
Shock & Vibration	EN 300 019-2-4, IEC 60068					
Operating Temperature	-40° to +80° C					
Wind Survivability	125+ mph (201 kph)					

#### **Elevation Plot**

**Azimuth Plot** 







S	С	R	1	0	-	3	5	0	0	-	W	Н	Т
Ga	ain			1									
Approx Freq.													
С	olo	r –											

## HIGHLIGHTS:

- Covers CBRS
- Compact Corner Reflector
- Pole Mount Included
- High Performance; High Gain
- Made-in-the-USA & UK

### **RELATED MODELS:**

- DOD7-3500
- (2x or 3x MIMO Coverage) PS12-3500-60
- (Directional Sector, 12 dBi Gain) BSM3500FS3BKT
- (Base Station)

# COMMON APPLICATIONS:

- CBRS & Private LTE Networks
- Cellular Bands 3.4 3.7 GHz
- Infrastructure & Industrial IoT
- Shipyards & Railroads
- Universities & Campuses



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