

# SCR10-3500

## 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.

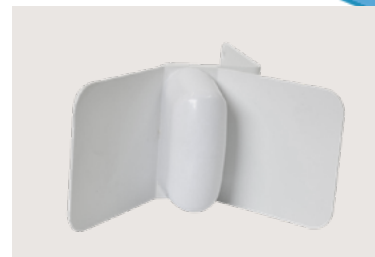
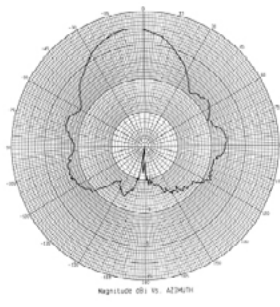
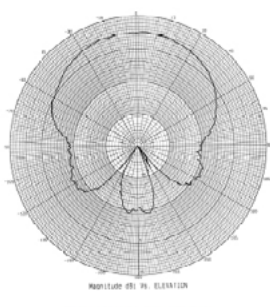
A standard pole mount is included.

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

Mechanical Specifications	
Radome Material/Color	White or Black Powder Coated ASA Plastic
Beamwidth	360° Azimuth, 87° Elevation
Cables	Jumper Cable Assemblies Sold Separately
Radome Dimension	3" H x 5.5" W x 1.16" D (76 mm x 140mm x 30 mm)
Weight	<1 lb ( 0.5 g )
Connector	N female at rear of antenna
Mounting Kit Included	3.62" (9.19cm) L Bracket with "U" bolts, mounts up to OD pipe 2.5" diameter (6.3 cm)
Lightening Protection	External Recommended
Shock & Vibration	EN 300 019-2-4, IEC 60068
Operating Temperature	-40° to +80° C
Wind Survivability	125 min. MPH ( 201 kph )

Elevation Plot	Azimuth Plot
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## CORNER REFLECTOR ANTENNA

S C R 1 0 - 3 5 0 0 - W H T

Gain

Approx Freq.

Color

### 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



US Headquarters +1.847.671.6690  
US/CA Toll Free +1.800.648.2800  
European Facility +44.1543.459555

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