



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.

The overall front face size of the SCR Corner Reflector is only 3" high x 5.5" wide (76 mm x 140 mm). The antenna element is protected in an ASA radome, the panels are white powder coated.

The PS Series sector/panel antennas are excellent for deploying point to multipoint applications. The panel antenna is broadband and uses the latest PCB technology. The PS Series housing is a very attractive light grey polystyrene UV resistant plastic.

Compact in size, 12.5" H x 3" W (32 cm x 7.6 cm), these panel antennas will be unobtrusive in any indoor or outdoor environment.

The PS Series Sector/Panel has an adjustable tilt pole mount bracket. An array of antennas can be field assembled to provide a complete cell-site. Custom jumper cable assemblies are available, including Times LMR-400 or similar.

Directional Sector Panels & Corner Reflector WiMAX 3.5 GHz

- High gain 10 - 12 dBi for point to point and multipoint applications
- Compact Sectors and Corner Reflectors can be used for access point or subscriber CPE
- Standard pole mount hardware included, optional wall mount

Model #	Description	
SCR10-3500-WHT	10 dBi Corner Reflector	
<u>Color options available for the SCR Series</u> WHT-White or BLK-Black		
PS10-3500-120-GRY	10 dBi 120° Sector	
PS12-3500-60-GRY	12 dBi 60° Sector	
PN-WMK	Optional Wall mount for PS Series	
<u>Typical Jumper Cable Assemblies</u>		
Model	Length	End Connector
CA240/400-XX	20 ft (6.1 m)	N Male-N Male
CA180/400-XX	15 ft (4.6 m)	N Male-N Male
CA180/400-XC	15 ft (4.6 m)	N Male-SMA Male
Special configurations are available upon request.		

Specifications			
Frequency:	3.4 - 3.7 GHz	Antenna Material:	Powder coated aluminum, Polystyrene plastic radome
VSWR Max:	2:1	Weight:	<1 lb, (0.5 g)
Impedance:	50 Ohm nominal	Mounting:	
Maximum Power:	25 Watts	SCR12-3550	Pole mount up to 2.5" diameter (6.3 cm), hardware included
Beamwidth:		PS Series	Adjustable Tilt Pole Mount, hardware included
SCR10-3500	87° EI, 36° Az	Connector:	N female at rear of antenna
PS10-3500-120	17° EI, 120° Az	Option:	Wall mount adapter
PS12-3500-60	17° EI, 60° Az		Jumper Cable Assemblies
Front-to-Back ratio:	30 dB		External Recommended
Operating Temp:	-40° to +85° C	Lightning Protection:	
SCR12 Dimensions:	3" H x 5.5" W x 1.16" D (76 mm x 140 mm x 30 mm)	Shock & Vibration:	
PS Front Dimensions:	12.5" H x 3" W x 1.25" D (318 mm x 76 mm x 32 mm)	SCR	EN 300 019-2-4, IEC 60068
Max Wind Velocity:	125+ mph (193 kph)		