



PS Sector Antenna
(with adjustable pole mount)

SCR Directional
(also available in black)

Wall Mount Option
for PS Series

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
- Each model covers 3.4 - 3.7 GHz
- Standard pole mount hardware included, optional wall mount

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.

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>		
<u>Model</u>	<u>Length</u>	<u>End Connector</u>
CA240/400-XX	20 ft (6.1m)	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
VSWR Max:	2:1
Impedance:	50 Ohm nominal
Maximum Power:	25 Watts
Beamwidth:	
SCR10-3500	87° El, 36° Az
PS10-3500-120	17° El, 120° Az
PS12-3500-60	17° El, 60° Az
Front-to-Back ratio:	30 dB
Operating Temp:	-40° to +85° C
SCR12 Dimensions:	3"H x 5.5"W x 1.16" D (76 mm x 140mm x 30 mm)
PS Front Dimensions:	12.5" H x 3" W x 1.25" D (318 mm x 76 mm x 32 mm)
Max Wind Velocity:	125+ mph (193 kph)
Antenna Material:	Powder coated aluminum, Polystyrene plastic radome
Weight:	<1 lb, (0.5 g)
Mounting:	
SCR12-3550	Pole mount up to 2.5" diameter (6.4 cm), hardware included
PS Series	Adjustable Tilt Pole Mount, hardware included
Connector:	N female at rear of antenna
Option:	Wall mount adapter Jumper Cable Assemblies
Lightning Protection:	External Recommended
Shock & Vibration:	
SCR	EN 300 019-2-4, IEC 60068