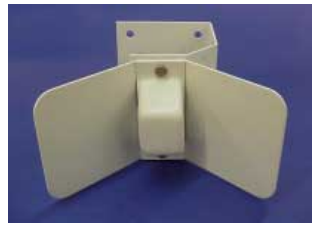




OD Series



SCR Directional Series



Device Series
Straight & 90° Right Angle

Mobile Mark's high frequency antennas are designed for new microwave systems, including U-NII networking. These advanced designs accommodate the high-speed wideband performance.

The Corner reflectors use a half-wave element. A unique balun fed design provides high efficiency without skewing the radiation pattern. The result is excellent bandwidth, gain and match. One model covers both of the lower bands (5.15 - 5.35 GHz) and another covers the upper

Model Numbers

Model	Description	Frequency
SCR14-5150	14 dBi Corner Reflector	5.15-5.35 GHz
SCR14-5725	14 dBi Corner Reflector	5.72-5.83 GHz
ODN6-5250	6 dBi Omnidirectional	5.15-5.35 GHz
ODN9-5250	9 dBi Omnidirectional	5.15-5.35 GHz
ODN9-5725	9 dBi Omnidirectional	5.72-5.83 GHz

PSTN3-5250	2.2 dBi Straight Dipole	5.15-5.35 GHz
PSTN3-5725	2.2 dBi Straight Dipole	5.72-5.83 GHz
PSWN3-5250	2.2 dBi 90° Dipole	5.15-5.35 GHz
PSWN3-5725	2.2 dBi 90° Dipole	5.72-5.83 GHz

Special configurations are available upon request. Please consult factory for more information.

5 GHz Antennas (Pat.Pend.)

Omni, Directional & Device

- 14 dBi Corner Reflector for point to point applications
- 6 & 9 dBi Omni for multipoint applications
- 2.2 dBi Portable/Device Antenna
- Models available for 5.15 - 5.83 GHz

band. The panels are weather protected with white powder-coat, each is only 3" x 3". The element is protected in an ABS radome. The female N connector exits at the back. Mounting hardware is provided for pole, surface and corner mount.

The omni antennas use an array of uniquely phased elements. They provide a uniform pattern and excellent frequency response. The array is enclosed in black polycarbonate. Windloading on the antennas is negligible. Hardware allows pole, ceiling or surface/offset mount. The antennas terminate with a female N connector.

The PSTN Series device antennas provide a great solution for laptops, NICS, and access point products. These antennas are matched half-wave designs, providing up to 2.2 dBi gain. Radiation pattern is omni with a broad vertical "donut". The antennas require no groundplane for operation. The lower band model radome is 2.5" (7 cm), the upper band model is only 2.3" (6 cm). Both use a PVC jacket, stylized injection mold can be accommodated. The connector is a male SMA. This is a new product with limited availability at the present.

Specifications

Frequency/Gain:	See above	ODN Series Material:	Polycarbonate radome & irradiated aluminum feed
Bandwidth @2:1 SWR:	200 MHz or better	Weight:	<1 lbs, ODN/SCR models
Impedance:	50 Ohm nominal	Mounting:	Pole, surface mount, hardware included.
Max Power:	100 Watts (ODN/SCR Series)	Mounting Dimension:	Mounts up to 2"(5 cm) mast
ODN6 Beamwidth:	25° vertical, 360° horizontal	Connector, ODN & SCR:	N female
ODN9 Beamwidth:	14° vertical, 360° horizontal		
SCR Series Beamwidth:	30° vertical, 60° horizontal		
Front-to-Back ratio:	30 dB for SCR Series		
Lightning Protection:	External recommended		
SCR Series Aperture:	3"x5.5" (8x14 cm) front face	Device Series Unique Specifications - Preliminary	
SCR Panel Size:	3"x3"(8x8 cm) each	5250 Models :	2.6"Lx0.5"D (7x1.3 cm)
ODN6 Antenna Size:	14"L x1" (36 x 3 cm) OD	5725 Models Size:	2.2"Lx0.5"D (6x1.3 cm)
ODN9 Series Size:	18"L x1" (46 x3 cm) OD	Max Power:	10 Watts
Max Wind Velocity:	100 mph, all models	Connector:	SMA Male, Straight or 90°
SCR Series Material:	Powder Coated aluminum, ABS radome	PSTN Material:	PVC Jacket
		Frequency/Gain:	See above