

Directional, Omni-Directional & Magnet Mount, Military 1350 MHz



- For UAV, Video and mobile telemetry
- Omnidirectional 7 dBi antenna for main access, command & control stations
- Magnetic Mount 5 dBi omni for mobile deployment or field pop-up & deploy
- Compact directional 4 dBi Patch

This new series is designed for military applications in the 1350-1390 MHz private band such as UAV control, video feeds, fixed telemetry.

The Omni OD7-1350 provides 7 dBi gain in a rugged package. It has a durable fiberglass radome with machined aluminum feed. Mounting hardware provided is an offset pole bracket and U Bolts.

The IMAG5-1350 is a magnetic mount antenna designed for mobile deployment or for quick field pop-up and deploy applications. The antenna uses a colinear 17-7 stainless steel black powder coated whip. Integral to the base is a 2" (5.1 cm) diameter black disk.

The PM-1350 patch is a low profile directional patch antenna. It measures just under 0.5 inches thick, with a foot print of 3.4" x 3.6". At

such a size, it can be placed in a wide variety of applications including being embedded into troop clothing, helmets or UAV's.

The PSTGO-1350SE is a compact, quarterwave device antenna.

Model #	Description	Gain
OD7-1350-WHT	Omni Pole Mount	7 dBi
IMAG5-1350-3C-BLK-120	Mag mount Mobile	5 dBi
PM-1350-4C-BLK-6	Patch, Antenna	4 dBi
PSTGO-1350SE	Device Antenna	0 dBi

Specify cable length and connector at time of order.

OD7-1350 available in White only
The IMAG & PM are available in Black only

Specifications			
Frequency & Gain:	1350-1390 MHz	<u>OD7-1350 Specs</u>	
Gain:	See table above	Max. Power (continuous):	100 watts
VSWR:	2:1 max over range	Vertical Beamwidth (-3 dB):	25 degrees
Nominal Impedance:	50 ohms	Wind Load (flat plate equiv.):	30-40 sq. in. (190-260 sq.cm) 120 +mph (200+kph)
<u>IMAG5-1350 Specs</u>		Rated Wind Velocity:	External suggested
Max. Power (continuous):	10 watts	Lightning Protection:	N female connector
Cable/Connector:	10ft (3 m) RF-195 & SMA Plug (Male)	Connector:	N female connector
Antenna Dimension:	2 1/8" D x 9" high Whip (5.4 cm x 22.9 cm)	Antenna Dimension:	1"D x 26 3/4"L (25mm x 680mm)
Weight:	1.0 lbs (0.45 kg)	Weight:	1.5 lbs (0.68 kg)
Mounting:	2" (5.1 cm) Magnet	Mounting Kit:	Mast kit included for up to 2.5" (6.4 cm) OD pipe White Fiberglass radome, irradiated aluminum feed
<u>PM-1350 Specs</u>		Material:	EN 300 019-2-4, IEC 60068 IPx5
Max. Power (continuous):	10 watts	Shock & Vibration:	
Cable/Connector:	6" (152.4 mm) RG-188 & SMA Plug (Male)	Water Ingress:	
Antenna Dimension:	3.4"L x 3.6"W x 0.5"D (8.6 cm x 9.1 cm x 1.3 cm)	<u>PSTGO-1350SE Specs</u>	
Weight:	.60 lbs (.27 kg)	Connector:	SMA jack (female)
Mounting:	0.15" (3.8 mm) holes	Radome material:	Polyurethane
		Electrical length:	Quarterwave
		Overall length:	2 3/8" (6.0 cm)