

## 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  
Gain: See table above  
VSWR: 2:1 max over range  
Nominal Impedance: 50 ohms

#### IMAG5-1350 Specs

Max. Power (continuous): 10 watts  
Cable/Connector: 10ft (3 m) RF-195 & SMA Plug (Male)  
Antenna Dimension: 2 1/8" D x 9" high Whip (5.4 cm x 22.9 cm)  
Weight: 1.0 lbs (0.45 kg)  
Mounting: 2" (5.1 cm) Magnet

#### PM-1350 Specs

Max. Power (continuous): 10 watts  
Cable/Connector: 6" (152.4 mm) RG-188 & SMA Plug (Male)  
Antenna Dimension: 3.4"L x 3.6"W x 0.5"D (8.6 cm x 9.1 cm x 1.3 cm)  
Weight: .60 lbs (.27 kg)  
Mounting: 0.15" (3.8 mm) holes

#### OD7-1350 Specs

Max. Power (continuous): 100 watts  
Vertical Beamwidth (-3 dB): 25 degrees  
Wind Load (flat plate equiv.): 30-40 sq. in. (190-260 sq.cm)  
Rated Wind Velocity: 120+mph (200+kph)  
Lightning Protection: External suggested  
Connector: N female connector  
Antenna Dimension: 1"D x 26 3/4"L (25mm x 19mm)  
Weight: 1.5 lbs (0.68 kg)  
Mounting Kit: Mast kit included for up to 2.5" (6.4 cm) OD pipe  
Material: White Fiberglass radome, irradiated aluminum feed  
Shock & Vibration: EN 300 019-2-4, IEC 60068  
Water Ingress: IPx5

#### PSTGO-1350SE Specs

Connector: SMA jack (female)  
Radome material: Polyurethane  
Electrical length: Quarterwave  
Overall length: 2 3/8" (6.0 cm)