



EM-A10007

5 dBi UHF Fixed Station Telemetry Antenna 450-470 MHz, w/Integrated Vertical Down-tilt

- Fixed Point Data/Telemetry Access Points operating in extreme environments for TETRA, LMR, DMR and Private UHF Networks
- Compressed Aperture Design for reduced height & visibility
- Integrated Down-tilt for optimized CPE coverage
- Xenoy™ base with TPV over mold with Solid Brass Adapter
- Dual Seal construction resists environmental ingress
- Rugged one-piece SS radiator, Solid Brass Adapter with Durable/Conductive Black Chrome finish

Electrical Specifications

Frequency Band	450-470 MHz
VSWR	2:1 max
Impedance	50Ω
Gain	5 dBi
Power Rating	50 W
Polarization	Linear, Vertical
E-Plane	25 Degrees, Nominal
Vertical Down-tilt (wrt Horizon)	5 Degrees
	(OEM Specifications Available)
H-Plane	Omnidirectional

Mechanical Specifications

Overall Length	28.4 in. (722 mm)
Whip Material Finish	17-7 Series SS, Black Chrome
Base Material	Xenoy™ w/TPV Over Mold Grip
Mounting Application	¾ in. Thru-Hole NMO Mount
Jumper Cable Assembly & Connector	Sold Separately
Operating Temperature	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%
Environmental Ingress	IP66

Specifications subject to change without notification. Custom specifications available per OEM request.