Product Data Sheet



EM-M10003-GPI

2 dBi Ground Plane Independent Antenna
380-520 MHz

- 1/2-Wave Ground Plane Independent, Wide Band Antenna
- NMO Mount, 17-7 SS Whip & Spring, Black Chrome Finish
- O-ring seal for IP67 Rated waterproof construction
- Durable ASA base with TPU grip ring and dust seal

Electrical Specifications

Frequency Band	380-520 MHz (Tunable Range)
VSWR	<2:1, across operational bandwidth
Operational Bandwidth (min)	50 MHz
Impedance	50Ω
Gain	2 dBi
Power Rating	150 W
Polarization	Linear, Vertical
E-Plane	70 Degrees, nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall Length (max)	16 1/8 in. (409.6 mm)
Whip Material, Finish	17-7 SS, Black Chrome
Spring Material	17-7 SS, Black Chrome
Base Material	ASA w/TPU Over Mold Grip
Mounting Application	¾ inch Thru-Hole NMO Mount
NMO Cable Assembly & Connector	Sold Separately
Operating Temperature	-40° to 85° C
Corrosion	Salt Fog
Humidity	95%

Specifications subject to change without notification.

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