em wave inc.

Product Data Sheet



EM-M11014

ISM Dual Element Collinear Antenna
902-928 MHz

- Rugged one-piece SS radiator with limited “Lifetime Warranty”
- Durable/Conductive Black Chrome finish with Solid Brass Adapter
- ASA Base with TPU over mold grip eases install and removal
- Dual Seal construction resists environmental ingress
- Compatible with Standard NMO mounts
- Mobile or Fixed Point Data/Telemetry Applications

Electrical Specifications

Frequency Band	902-928 MHz
VSWR	2:1 max
Impedance	50Ω
Gain*	6 dBi
Power Rating	100 W
Polarization	Linear, Vertical
E-Plane	25 Degrees, Nominal
H-Plane	Omnidirectional

Mechanical Specifications

Overall Length	22.25 in. (565 mm)
Whip Material Finish	17-7 Series SS, Black Chrome
Base Material	ASA w/TPU Over Mold Grip
Mounting Application	¾ in. Thru-Hole NMO Mount
NMO Cable Assembly & Connector	Sold Separately
Operating Temperature	-40° to 85° C
Humidity	95%
Corrosion	Salt Fog

*Groundplane Size Dependent. Specifications subject to change without notification.

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