Product Data Sheet



EM-PG92402-SF

Dual Band VHF/7-800 MHz Antenna w/GPS

136-174 MHz / 762-870 / 1575.42 MHz

Motorola™ APX™ Series Replacement Portable Antenna

- Dual Band / Wide Bandwidth Performance
- Eliminates Multiple Narrowband Antenna SKU's
- Direct OE Replacement Antenna
- Flexible, Rugged, Weatherproof Molded Construction
- Soft Durometer TPE Housing Augments Improved Ergonomics

Electrical Specifications

Frequency Bands	136-174 / 762-870 / 1575.42 MHz
VSWR (VHF)	<2.5:1 typical, 3:1 max at band edges
VSWR (7/800)	<2:1
Impedance	50Ω
Gain	Unity / 2 dBi
Power Rating	6 Watts VHF, 3 Watts 7/800
Polarization	Vertical
Radiation Pattern	Omni Directional

Mechanical Specifications

Length	9.05 in. (230 mm)
Connector	SF (SMA Jack, Motorola™ Type)
Over-Mold Material	Thermoplastic Elastomer (TPE), UV Resistant
Connector Material, Finish	SS303
Weight	1.7 oz. (48.1g)
Operational Temperature	-20°C to 65°C
Storage Temperature	-40°C to 85°C

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Preliminary Specifications subject to change without notification.

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