Product Data Sheet



EM-P90918
VHF Broadband Portable Antenna
150-174 MHz

Direct OEM Replacement Antenna

- Broad Band, 24 MHz Bandwidth with High Directivity Aperture
- Eliminates Multiple Narrowband Antenna SKU's
- Direct Replacement, All VHF Bands (150-174 MHz)
- Flexible, Rugged, Weatherproof Molded Construction
- Soft Durometer TPE Housing Augments Improved Ergonomics
- Color Coded Frequency Identification
- Alternate OEM Connectors Available†
- Consult Factory for Detailed Radio Interface Requirements

Electrical Specifications

Frequency Band	150-174 MHz
VSWR	2.0:1
Impedance	50Ω
Gain	Unity
Power Rating	10 Watts
Polarization	Vertical
Radiation Pattern	Omni Directional

Mechanical Specifications

Length	11.2 in. (284 mm)
Connector Options† (Add suffixes: -SF, -SFK, -SM)	SF (SMA Jack, Motorola™ Type) SFK Type (SMA Jack, Kenwood™ Type) SM Type (SMA Plug)
Over-Mold Material	Thermoplastic Elastomer (TPE)
Connector Material, Finish	360 Brass, Nickel Plating
Weight	2.05 oz. (58.1g)
Operational Temperature	-20°C to 65°C
Storage Temperature	-40°C to 85°C

Motorola™ is a registered trademark of Motorola Trademark Holdings, LLC.
Kenwood™ is a registered trademark of JVCKenwood Corporation.
Specifications subject to change without notification.

ELECTRO-MAGWAVE, INC.
2241 Pinnacle Parkway, Suite A, Twinsburg, OH 44087 t 216-453-1160 f 216-447-8828 www.emwaveinc.com