

EM-P90013 Series

VHF Portable LMR / Public Safety Antenna

- OEM Replacement Antenna
- Available in VHF bands: 148-162 MHz and 162-174 MHz
- Rugged TPU Housing
- LMR / Public Safety Portable Radio Applications, including:
 - Federal Agencies
 - Railroad
- Connector and Frequency Configurations Available:

Model No.	Connector	Model No.
EM-P90013-148-MD	MD, M7x1	EM-P90013-162-MD
EM-P90013-148-SF*	SMA (F)*	EM-P90013-162-SF*
EM-P90013-148-SFK	SMA (F)	EM-P90013-162-SFK
EM-P90013-148-SM	SMA (M)	EM-P90013-162-SM

Electrical Specifications

Frequency Bands	148-162 MHz (EM-P90013-148-XXX)
	162-174 MHz (EM-P90013-162-XXX)
VSWR	2:1
Impedance	50Ω
Gain	Unity
Power Rating	50 Watts
Polarization	Vertical
Radiation Pattern	Omnidirectional

Mechanical Specifications

Length	4.25 in. (108mm)
Connector	Available in MD, SF*, SFK and SM Types
Connector Material, Finish	Brass, Nickel Plating
Radiator Material, Finish	Brass/Copper
Weight	39g
Operation Temp	-20°C to 65°C

*SF Type Connector is characterized by an SMA Female with flush dielectric and can be used on most Motorola™ type portable radios.
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 Specifications subject to change without notification.