



EM-P90110-MD 1/2 Wave

Direct OEM Replacement, Molded Portable Antennas

698 - 870 MHz

Harris P25 Land Mobile and Public Safety Series Portable Radios

- Flexible
- Rugged
- Weatherproof
- Integrated/Molded Cap
- Color Coded Frequency Identification

Electrical Specifications

Frequency Band	698 - 870 MHz
VSWR	2.0:1
Impedance	50Ω
Gain EM-P90111-MD 1/4 Wave	2.0 dBi
Gain EM-P90110-MD 1/2 Wave	3.0 dBi
Power Rating	10 Watts
Polarization	Vertical
Radiation Pattern	Omni Directional

Mechanical Specifications

Length EM-P90111-MD	4.33±.2 in. (110±5mm)
Length EM-P90110-MD	5.7±.2 in. (145±3mm)
Connector	MD Type (M7x1)
Over-Mold Material	TPE
Connector Material, Finish	Brass, Nickel Plating
Weight	16.6g
Operation Temp	-20°C to 65°C
Pull Force, Housing	6 kgf
Applied Torque, Housing	5 kgf-cm

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Specifications subject to change without notification.