

EM-P90111-SF ¼ Wave

EM-P90110-SF ½ Wave

**Direct OEM Replacement, Molded Portable Antennas
698 - 870 MHz Motorola XTS and APX Series**

- 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-SF ¼ Wave	2.0 dBi
Gain EM-P90110-SF ½ Wave	3.0 dBi
Power Rating	10 Watts
Polarization	Vertical
Radiation Pattern	Omni Directional

Mechanical Specifications

Length EM-P90111-SF	4.13±.125 in. (105±3mm)
Length EM-P90110-SF	5.32±.125 in. (135±3mm)
Connector	SF Type (SMA Female)
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

Specifications subject to change without notification.

