



EM-P90111-MD ¼ Wave

EM-P90110-MD ½ Wave

**Direct OEM Replacement, Molded Portable Antennas
698 - 870 MHz Harris P7100 and P7300 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-MD ¼ Wave | 2.0 dBi |
| Gain EM-P90110-MD ½ Wave | 3.0 dBi |
| Power Rating | 10 Watts |
| Polarization | Vertical |
| Radiation Pattern | Omni Directional |

Mechanical Specifications

| | |
|----------------------------|-----------------------|
| Length EM-P90111-MD | 4.4 in. (111 mm) |
| Length EM-P90110-MD | 6.6 in. (168 mm) |
| Connector | MD (M7x1) Type |
| 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.