### Portable Antenna Selection Guide

#### VHF (LOW)
- **EM-P90008**
  - Frequency: 50 ± 0.5 MHz
  - Bandwidth: 1 MHz
  - VSWR: 1.5:1
  - BANDWIDTH: 20 MHz
  - Length: 8.4"/215mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90010**
  - Frequency: 75 ± 0.25 MHz
  - Bandwidth: 1 MHz
  - VSWR: 1.5:1
  - BANDWIDTH: 20 MHz
  - Length: 11.9"/302mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

#### VHF (HIGH)
- **EM-P90011**
  - Frequency: 148-152 MHz
  - Bandwidth: 5 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 4.22"/107mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90014**
  - Frequency: 420-470 MHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 4.22"/107mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

#### UHF
- **EM-P90009**
  - Frequency: 450-470 MHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 4.22"/107mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90107**
  - Frequency: 470-480 MHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 4.22"/107mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

#### 700/800 MHz
- **EM-P90113**
  - Frequency: 38 MHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 4.22"/107mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

#### Wi-Fi / WAN
- **EM-P90102**
  - Frequency: 2.4-2.5 GHz
  - Bandwidth: 10 MHz
  - VSWR: 2.1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90110**
  - Frequency: 2.4-2.5 GHz
  - Bandwidth: 1 MHz
  - VSWR: 2.1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

#### LTE
- **EM-P90108**
  - Frequency: 806-869 MHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

#### Multi-Band
- **EM-P90111**
  - Frequency: 2.4-2.5 GHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90112**
  - Frequency: 2.4-2.5 GHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90113**
  - Frequency: 2.4-2.5 GHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90114**
  - Frequency: 2.4-2.5 GHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P90102-SR**
  - Frequency: 2.4-2.5 GHz
  - Bandwidth: 20 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P92302**
  - Frequency: 763-940 MHz
  - Bandwidth: 1 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 8.47"/215mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P92401**
  - Frequency: 570-750 MHz
  - Bandwidth: 1 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio

- **EM-P92402-SF**
  - Frequency: 570-750 MHz
  - Bandwidth: 1 MHz
  - VSWR: 2:1
  - BANDWIDTH: 20 MHz
  - Length: 7.8"/198mm
  - Connector: SMA, BNC
  - FLAT, UHF, VHF
  - Application: Portable Radio