



MP41

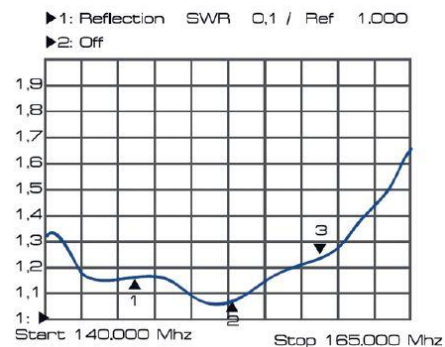
VHF Antennas

Mechanical Features

- **Length:** 1,20 meter
- **Weight:** 1 kg
- **Sections:** 1
- **Bottom diameter:** 28 mm
- **Fittings:** from diameter 25 mm (1" W) to diameter 50 mm (1" 1/2G)
- **Structure:** Epoxy fiberglass
- **Finishing:** Polyurethane paint
- **Color:** White RAL 9000 (optional: Gray RAL 7001)
- **Irradiation material:** Brass tubes gold plated
- **Ferrule material:** Stainless steel
- **Working temperature:** -35°C to +80°C
- **Max wind resistance:** 150 km/h

The MP41 is standard supplied with a MP1193C mounting nut

SWR Diagram





Electrical Features

- **Frequency:** 144 – 163 MHz
- **Antenna:** ½ wave dipole
- **Bandwidth at SWR <1.5:** 19 MHz
- **SWR:** see diagram
- **Impedance:** 50 ohm
- **Gain:** 0 db on half wave dipole / 3 db isotropic
- **Max power:** 100 watt
- **Polarization:** Vertical
- **Horizontal irradiation:** 360°
- **Vertical irradiation:** 60°
- **Connector:** N-female
- **Lightning protection:** DC ground

Optional Mounting accessories



MP533C: Mast L-Bracket



MP620-2C: Large L-Bracket

