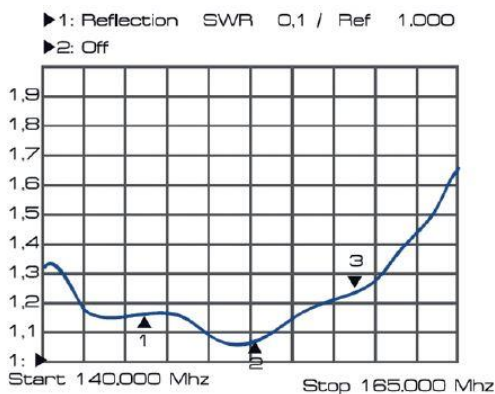


# MP43

## 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" 1/2 G)
- **Radome diameter:** 17 mm
- **Bracket material:** Chrome plated brass
- **Structure:** Epoxy fiberglass
- **Finishing:** Polyurethane paint
- **Color:** White RAL 9000 (optional: Grey RAL 7001)
- **Irradiation material:** Brass
- **Ferrule material:** Chrome plated brass
- **Working temperature:** -35°C to +80°C
- **Max wind resistance:** 150 km/h



SWR Diagram



## Electrical Features

- **Frequency:** 144 – 163 MHz
- **Antenna:** End feed dipole
- **Bandwidth at SWR <1.5:** 19 MHz
- **SWR:** <1,5
- **Impedance:** 50 ohm
- **Gain:** 2 db
- **Max power:** 100 watt
- **Polarization:** Vertical
- **Horizontal irradiation:** 360°
- **Vertical irradiation:** 78°
- **Connector:** PL
- **Lightning protection:** DC ground

## Optional Mounting accessories



**MP533C:** Mast L-Bracket



**MP620-2C:** Large L-Bracket



**MP5197C:** Rail Bracket

