



# MP903MS

## MF/HF Antennas

### Mechanical Features

- **Antenna structure:** Epoxy fiberglass
- **Finishing:** Polyurethane paint
- **Color:** White RAL 9000 (standard)  
Gray RAL 7001 (option)
- **Irradiation element material:** Brass
- **Ferrule material:** Chrome plated brass
- **Chrome plated:** 20 µm copper, 20 µm nickel, 5 µm chrome
- **Working temperature:** -35°C to +80°C
- **Max wind resistance:** 150 km/h

### Electrical Features

- **Frequency:** 1,6 – 30 MHz transmission ATU  
0,15 - 30 MHz with transformer
- **Polarization:** Vertical
- **Horizontal irradiation:** 360°C
- **Connection:** TX with high insulation cable  
RX with coax cable RG-58 or RG-213
- **Connector:** 8 mm bolt

Every MF/HF antenna is supplied including mounting.

## Features

- **Fiberglass length:** 9,00 meter
- **Electrical length:** 8,00 meter
- **Max power:** 1200 W
- **Weight:** 10 kg
- **Sections:** 3
- **Bottom diameter:** 40 mm
- **Length bottom section:** 4,00 meter
- **Length medium section:** 2,50 meter
- **Length top section:** 2,50 meter
- **Base torsion force:** 320/250 N (1)

## MF/HF antenna mounting

Every MF/HF is supplied including mounting.

How the antenna supposed to be mounted, can be derived from the product number.

After the basic product number "MPxxx" the used letters stand for:

D = Deck mounting

M = Mast mounting

S = Side feed connections

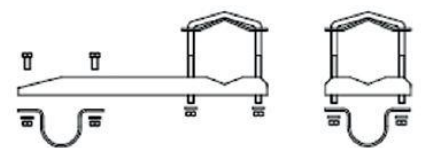
## MF/HF antenna accessories



**MP120RXT:** Transformer connection box



Fixing brackets



Material: Stainless steel  
 Standoff: 350 mm  
 Min mast diameter: 33 mm - 1"  
 Max mast diameter: 83 - 2 1/2"  
 2 pieces supplied with antenna