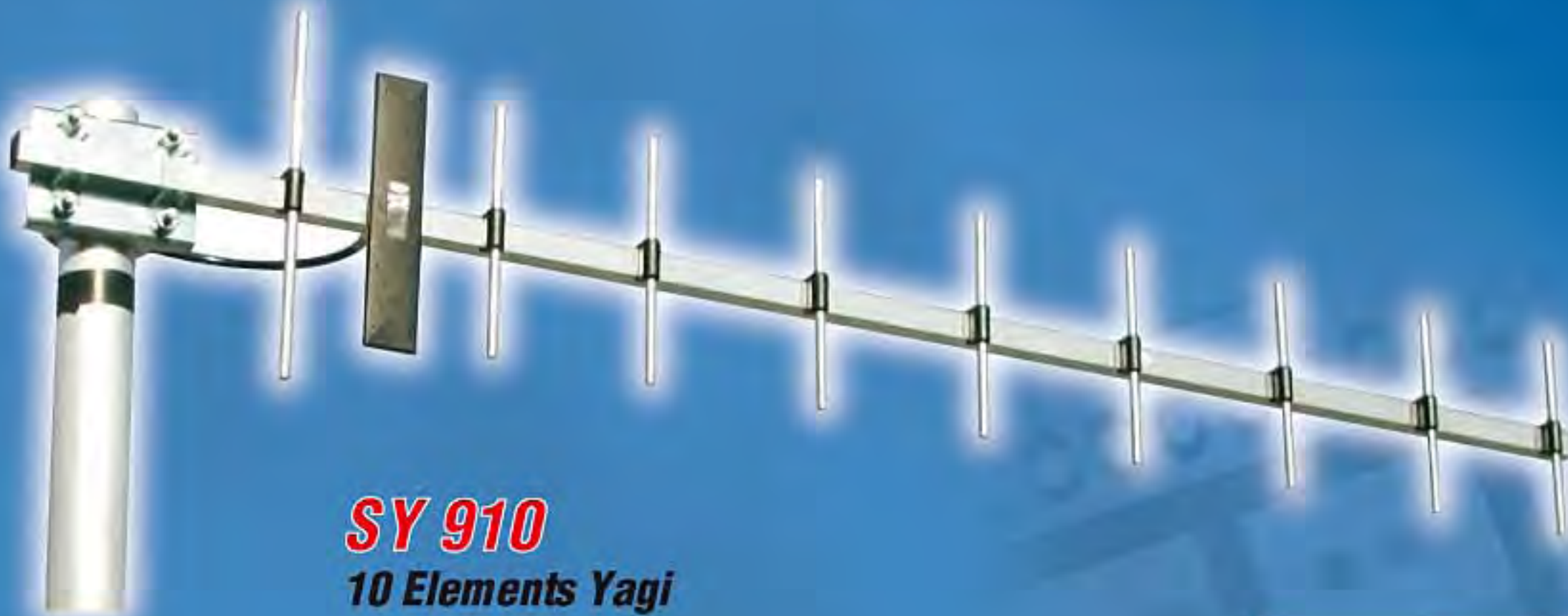




Base station, directional



SY 910
10 Elements Yagi

824-960 MHz



SY 906
6 Elements Yagi

Features

- # Base station antenna, Directional
- # Mono-band, High-gain
- # Protection from static discharges DC-ground
- # Made of anodized aluminium alloy
- # For AMPS, GSM 900 and TACS

Electrical data

Type: SY 906:6 elements yagi antenna
 SY 910:10 elements yagi antenna
 Frequency range:824-960 MHz
 Impedance:50 Ω unbalanced
 Radiation (H-plane):SY 906: beamwidth at -3 dB = 58° at 890 MHz
 SY 910: beamwidth at -3 dB = 38° at 890 MHz
 Radiation (E-plane):SY 906: beamwidth at -3 dB = 47° at 890 MHz
 SY 910: beamwidth at -3 dB = 34° at 890 MHz
 Radiation angle:0°
 Front to back ratio: SY 906: \geq 20 dB
 SY 910: \geq 15 dB
 Polarization:vertical
 Gain:..... SY 906: 11.5 dBi
 SY 910: 15 dBi
 S.W.R. in bandwidth: \leq 1.4:1
 Max. power:10 Watts (CW) at 50° C
 Feed system / position:folded dipole with microstrip balun
DC-ground / centre
 Connector:FME-male

Mechanical data

Materials:Aluminium, PCB, Thermoplastic
 Wind load / resistance: SY 906: 27 N at 150 Km/h / 180 Km/h
 SY 910: 48 N at 150 Km/h / 150 Km/h
 Wind surface: SY 906/SY 9100.02/0.03 m²
 Dimensions (approx.): SY 906:190 x 580 x 60 mm
 SY 910:190 x 980 x 60 mm
 Weight (approx.): SY 906:410 gr
 SY 910:500 gr
 Turning radius: SY 906:560 mm
 SY 910:940 mm
 Operating temperature:-20° C to +80° C
 Mounting mast: \varnothing 25-42 mm

P/N 2109901.00 SY 906
 P/N 2110001.00 SY 910

Antenna Mounting

