



MADE IN ITALY since 1972

SY-3 SY-4

FEATURES

- # YAGI Base station antennas
- # Directional, High-gain
- # Horizontal polarization
- # High power handling capability
- # Fedded with Gamma Match system
- # Made of aluminium alloy 6063 T-832
- # Tunable from 26.5 to 30 MHz

TECHNICAL DATA

Type:	.....
SY-3	..... 3 elements Yagi Antenna
SY-4	..... 4 elements Yagi Antenna
Impedance:	..... 50 Ω
Frequency range:	..... 26.5 ... 30.0 MHz tunable
Radiation:	..... directional
Polarization:	..... linear horizontal
SWR @ res. freq.:	..... ≤ 1.2
Max. power:	..... 1000 Watts (CW) continuous
	..... 3000 Watts (CW) short time
Bandwidth @ SWR ≤ 2:	.....
SY-3	..... ≥ 1200 kHz @ 26.5 MHz
SY-4	..... ≥ 850 kHz @ 26.5 MHz
Gain:	.....
SY-3	..... 8.5 dBd, 10.65 dBi
SY-4	..... 11 dBd, 13.15 dBi
Dimensions (approx.):	.....
SY-3	..... 5942 x 2710 x 100 mm, 19.5 x 8.9 x 0.3 ft
SY-4	..... 5846 x 4030 x 100 mm, 19.2 x 13.2 x 0.3 ft
Wind resistance:	..... 120 km/h, 75 mi/h
Boom length/diameter (approx.):	.....
SY-3	..... 2710 mm, 8.9 ft / Ø 33 mm, 1.3 in
SY-4	..... 4030 mm, 13.2 ft / Ø 33 mm, 1.3 in
Max. element length (approx.)	..... 5942 mm, 19.5 ft @ 26.5 MHz
Turning radius (approx.):	.....
SY-3	..... 3300 mm, 10.8 ft
SY-4	..... 3700 mm, 12.1 ft
Element diameter:	..... Ø 16-12-8 mm, Ø 0.6-0.47-0.3 in
Weight (approx.):	.....
SY-3	..... 4700 gr, 10.4 lb
SY-4	..... 6100 gr, 13.5 lb
Connector:	..... UHF-female
Mounting mast:	..... Ø 35-50 mm, Ø 1.3-1.9 in

P/N 2105101.00 SY-3
 P/N 2105201.00 SY-4

WARNING
 INSTALLATION OF THIS PRODUCT NEAR POWER LINES IS DANGEROUS. FOR YOUR SAFETY AND BEFORE YOU BEGIN INSTALLATION, READ THE SEPARATE SAFETY INFORMATION SHEET.

