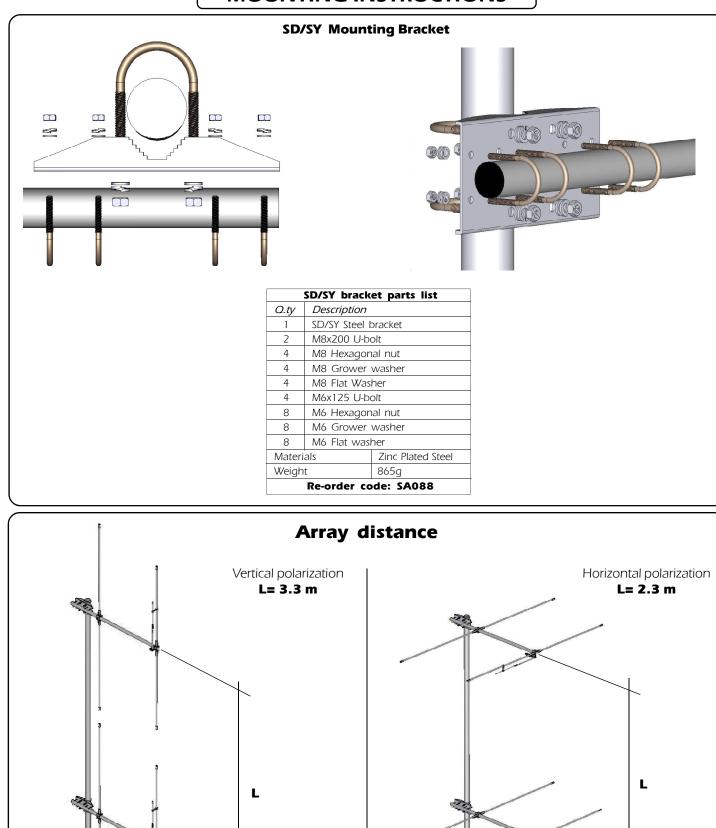
MOUNTING INSTRUCTIONS



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SY68-2 VHF 68-78 MHz Base Station 2 Element Yagi Antenna

DESCRIPTION

Directional 2 elements Yagi antenna for VHF 68-78 MHz with gamma match feed system.

Elements and boom of generous section are completely made of anticorodal aluminum, and the steel bracket is placed in the rear position for the best performance in vertical and horizontal polarization. The elements are fixed to the boom by a strong die-cast metal support to get the maximum strength.

All connections are waterproof and it is supplied whit UHF female connector.

All metal parts and hardware are weather resistant.

To improve the antenna gain please install it in stacked or bayed array.

TECHNICAL DATA

Electrical Data

Туре	2 elements Yagi
Frequency range	68 - 78 MHz
Impedance	50 Ω Unbalanced
Polarization	Linear Vertical or Horizontal
Radiation (H-plane)	beamwidth @ -3 dB= 180° @ 73 MHz
Radiation (E-plane)	beamwidth @ -3 dB= 75° @ 73 MHz
Max Gain	5 dBi
Front to Back ratio	≥ 8 dB
SWR in bandwidth	≤ 1.5
Max Power	350 Watts (CW) @ 30°C
Feed system	Gamma Match
Connector	UHF-female with rubber protection cap

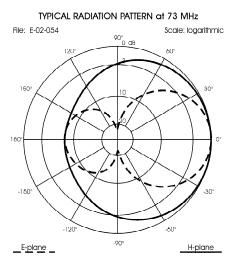
Mechanical Data

Aluminum, EPDM rubber, Zamak, Zinc p
Steel, Chromed Brass
159 N at 150 Km/h / 140Km/h
0.128 m ²
33mm/16mm
1250 x 2235 mm
2695 gr
1562 mm
-40° C to +80° C
Ø 35-52 mm

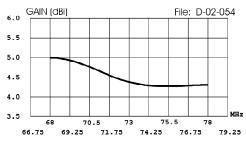


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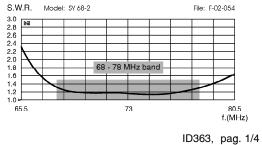












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MOUNTING INSTRUCTIONS

