

# YAGI ANTENNA 1 ELEMENTS 146-174 MHz

## T-DY01.146-174.AZ

### MATERIAL

Boom	:Hot-dip galvanized steel
Elements	:Hot-dip galvanized steel
Screw and nuts	:Stainless steel

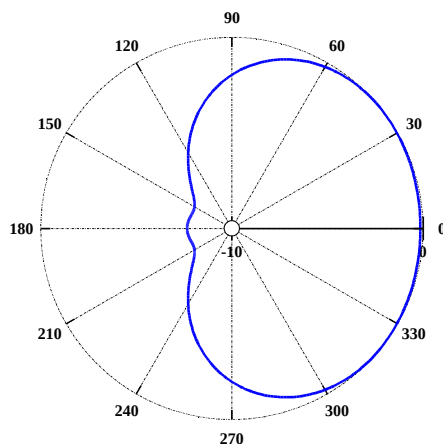
### TECHNICAL SPECIFICATIONS

Elements number	: 1
Impedance	: 50 $\Omega$
Frequency range	: 146 – 174 MHz
VSWR	: less than 1.4
Polarization	: Vertical or Horizontal
Connector	: N female
Mounting	: On masts from 60-125mm $\phi$ With clamps
Gain (dBi)	: 2.14
Max Power (W)	:440 (at 50°C)
Wind resistance	: 200 Km/h
Temperature (C°)	:-40°C - +85°C
Dimension (mm)	: 840X500
Net weight (g)	: 4500

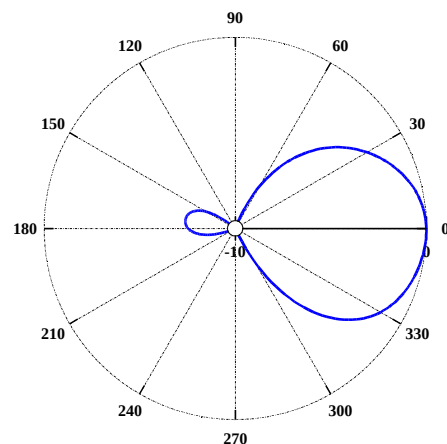


### DEVICE EQUIPPED WITH A DC GROUNDED SYSTEM

Farfield Directivity H-plane [dB]



Farfield Directivity E-plane [dB]



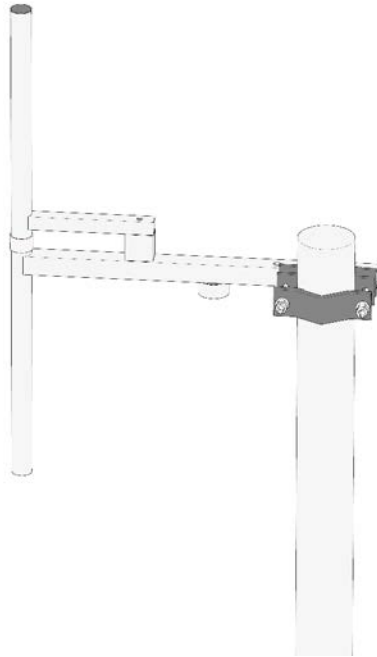
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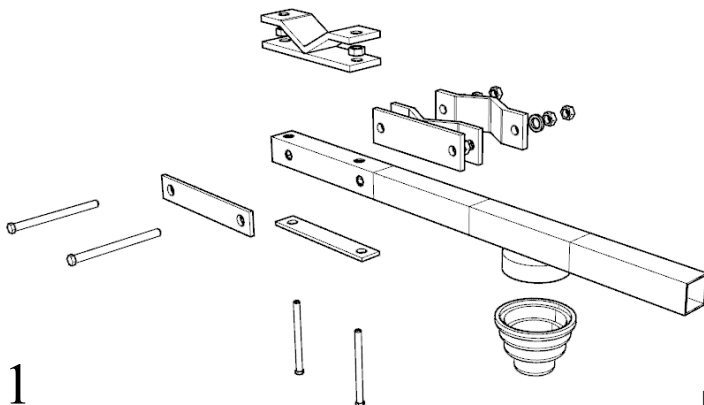
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## Mounting Instructions



1: For vertical Polarization  
2: For horizontal Polarization



1

For antennas with "N"female connector (jack) we recommend using cable connectors (male plug) with captive inner conductor to avoid damages to the jack-center conductor.

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