

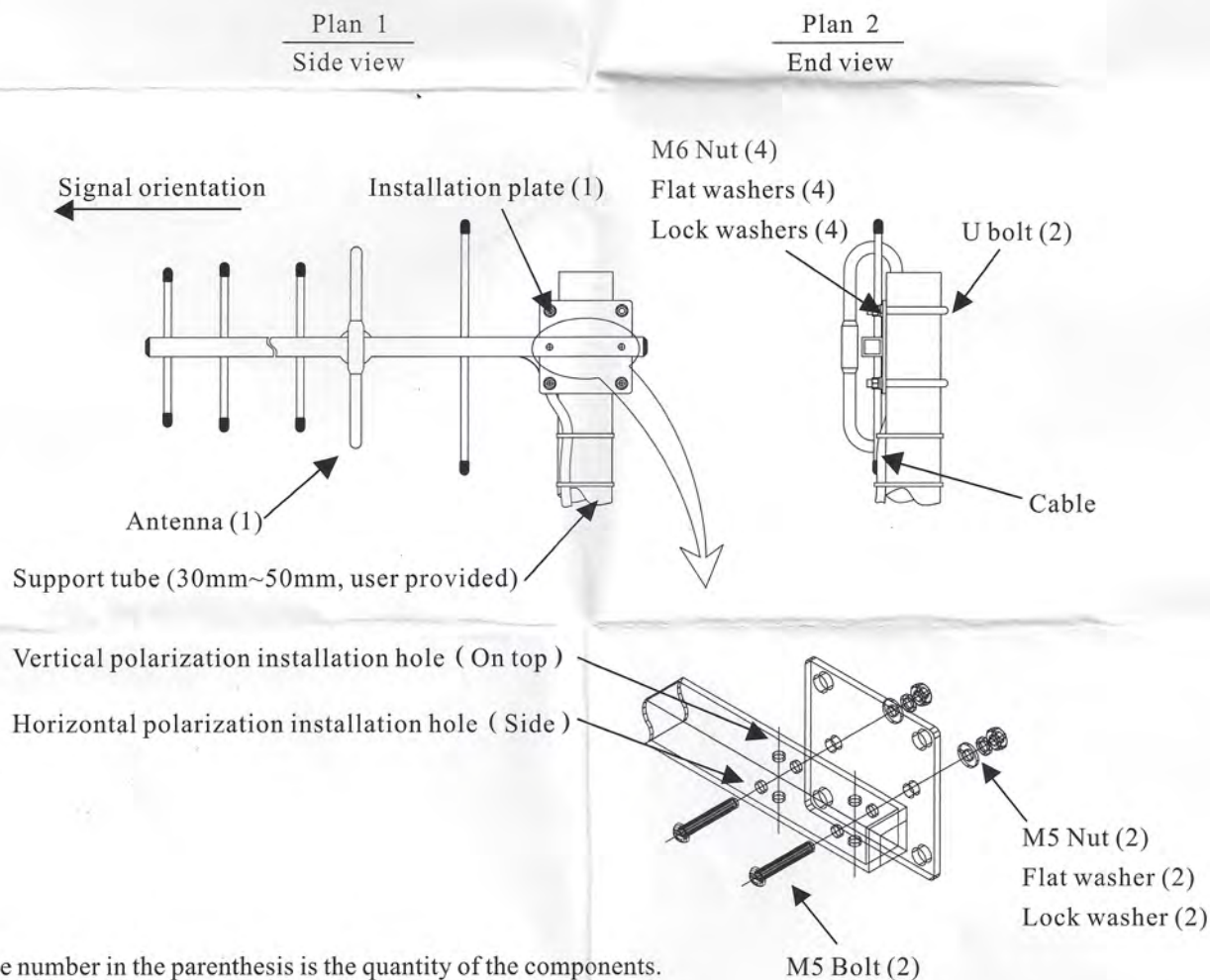


**Model Number: YA90012**

Electrical Data		Mechanical Data	
Frequency:	890 ~ 960MHz	Length:	870mm
Gain:	12dBi	Weight:	1.70kg
VSWR:	$\leq 1.4$	Material of radiating element:	Hpb59-1
Horizontal Beamwidth:	40°	Mounting part:	Mast
Vertical Beamwidth:	36°	Diameter of mast:	$\phi$ 28-52mm
Nominal Impedance:	50 $\Omega$	Rated wind velocity:	210km/h
F/B Ratio:	$\geq 16$ dB		
Polarization:	Vertical and horizontal		
Max Input Power:	150W		
Connector:	Female N		
Lightning Protection:	DC Ground		



**Installation:**



**Installation Instructions**

1. Point antenna in the direction of the communication base. Fix the YAGI antenna on the supporting tube (tight force of screw is 0.85n.m) with the use of U bolt part, the M6 Nut, flat washers and lock washers.
2. The antenna cable should be fastened tightly on the supporting tube with tie straps.
3. The YAGI antenna can be installed and used either horizontally (horizontal polarization) or vertically (vertical polarization) by changing the boom to installation plate holes.

Attention: There should have no metal obstruction(s) within 5 meters in front of the YAGI antenna.