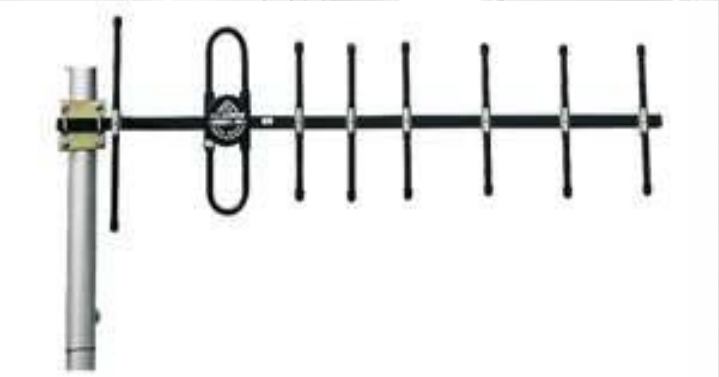
LT-Y-340-360-11.2

Yagi Antenna | 340-360 MHz | 11.2 dBi

The LT-Y-340-360-11.2 is a high-performance Yagi antenna engineered for VHF communications within the 340-360 MHz frequency range. Designed for directional signal transmission and reception, it offers an impressive 11.2 dBi gain, making it ideal for applications that require long-range and point-to-point communication.

This antenna is commonly used in public safety, marine, land mobile radio (LMR), and industrial sectors, where clear and focused signal strength is critical. Built for durability and optimal performance, the LT-Y-340-360-11.2 ensures reliable operation even in demanding environments.



Specification :

LT-Y-340-360-11.2	
Frequency Range	340-360 MHz
Antenna Gain	11.2 dBi
Max Power	100 W
Impedance	50 Ω
VSWR	≤ 1.5
Polarization	Vertical or Horizontal
Beamwidth	V:40° H: 44°
Termination	N Female or Customized
Dimensions Length	1.5 m (may vary with frequency)
Weight	1.0 Kg (may vary with frequency)
Elements	8
F/B Ratio	≥16 dB
Pole Diameter	Φ 40 mm - 50 mm
Bandwidth	15 MHz

Key Features :

- High Gain, F/B Ratio
- Vertical or Horizontal
- Long Distance Communication, Anti-Jamming
- High Quality Aluminum Alloy Material
- All Weather Operation
- Extend a Low Loss Cable

Key Highlights :

- Lightweight and compact for easy handling
- Excellent front-to-back ratio for reduced interference
- Ideal for base station and fixed installations
- Corrosion-resistant materials for long-term reliability
- Supports vertical or horizontal polarization
- Designed for consistent performance in all weather conditions

Applications

- Public safety and emergency services
- Land mobile radio (LMR) systems
- Marine and port communications
- Industrial and utility networks
- Base station installations

Installation Guide

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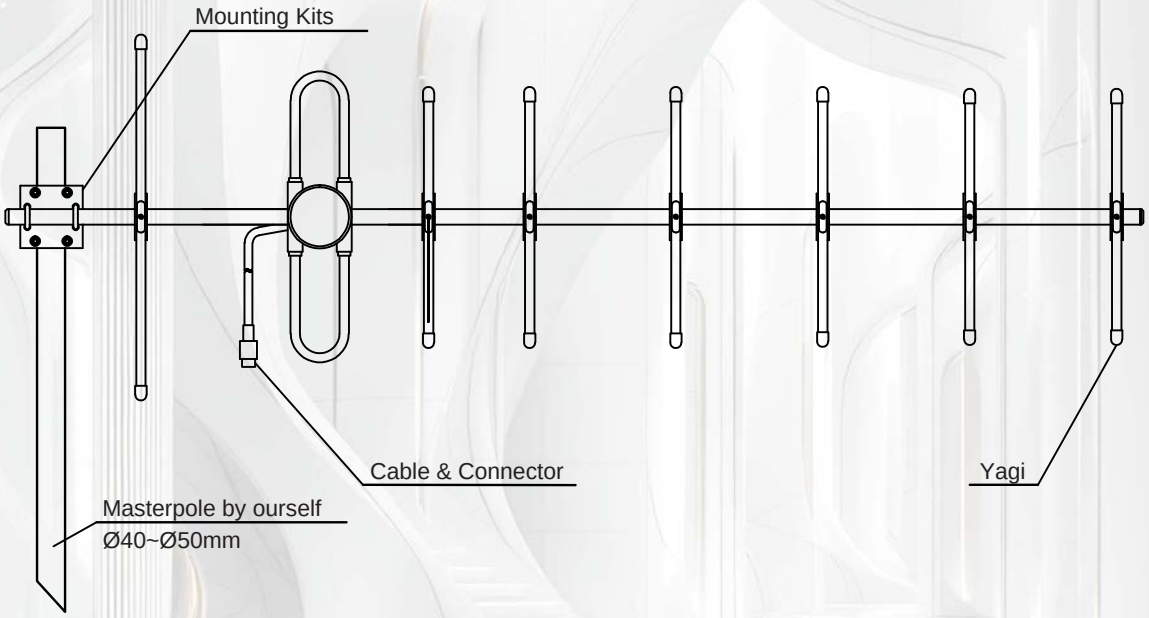
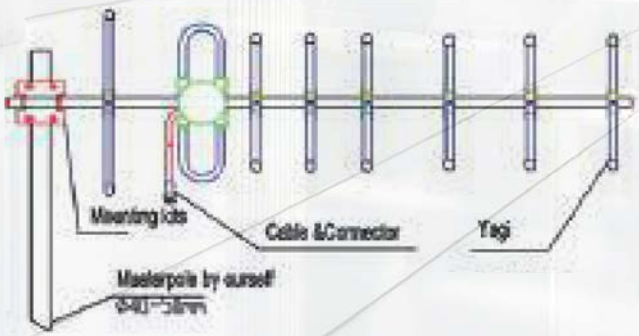
Key Highlights

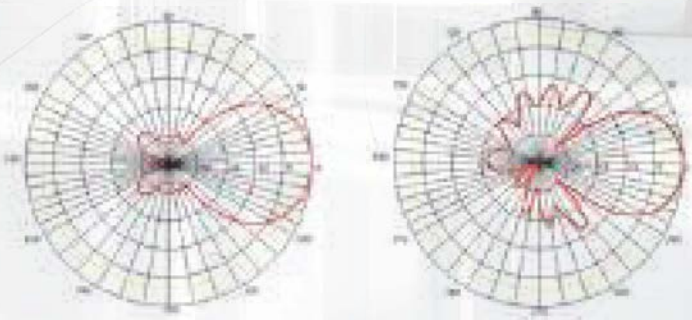
1. Upon receipt of the antenna, check the contents for damages. Immediately notify the carrier if any of the contents are missing or damaged;
2. Fix the antenna on the tower using the desired pole diameter mentioned on the illustration above;
3. Position the antenna to the right direction to optimize the correct polarization with the feed-line down;
4. Always weatherproof the cable connection. Failure to do so will degrade antenna signal over time.

Note: Pole is NOT included in the package.



Reference Patterns





E-Panel H-Panel