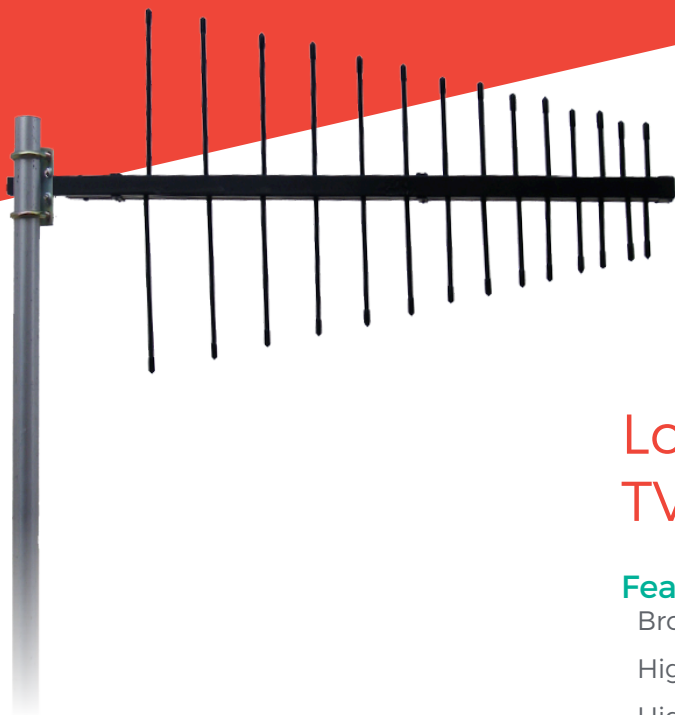


Adaptrum

LP Antenna



Log-Periodic Yaggy TV White Space Antenna

Features

- Broadband, low VSWR
- High gain, High F/B Ratio
- High quality aluminum alloy material
- Connector with a low loss cable
- Ideal for long-distance communication

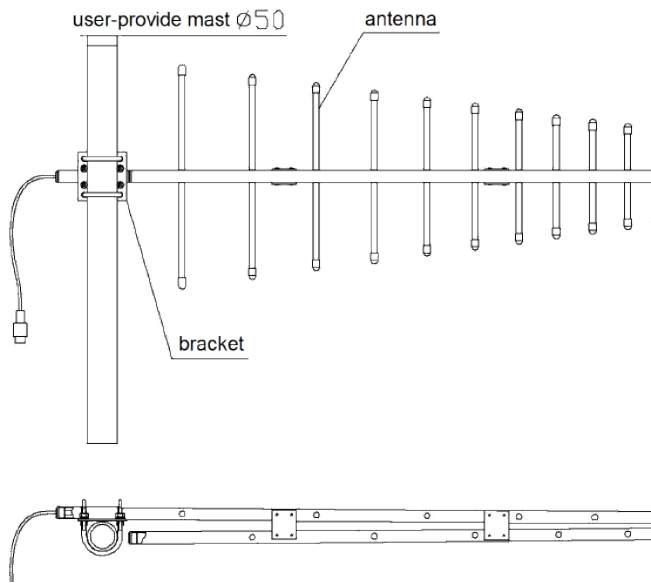
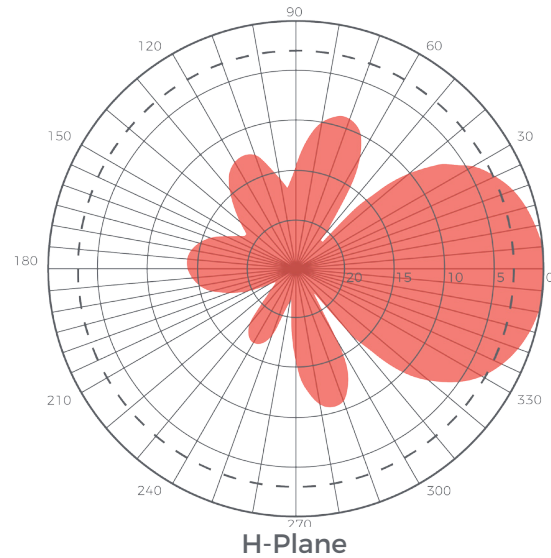
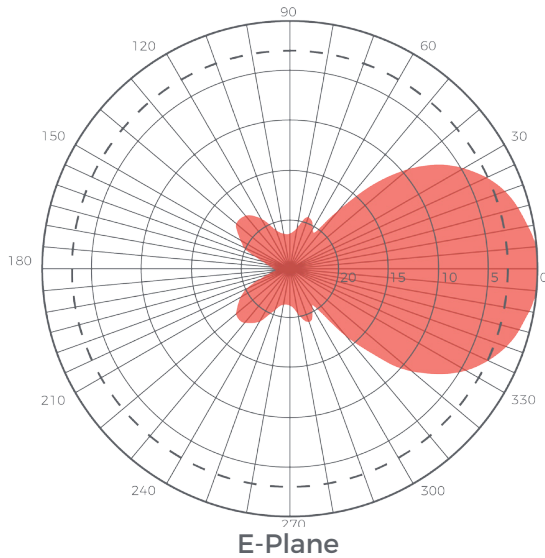
Electrical Specifications

Frequency range	400-800 MHz
Polarization	Vertical
Gain	11dBi
Half-power beam width	
E-Plane	50°
H-Plane	65°
Front-to-back ratio	≥22 dB
Impedance	50 Ω
VSWR	≤1.5
Maximum power	200 W

Mechanical Specifications

Connector	4ft Coax Pig-tail w/ TNC-Male
Dimensions	45.7 x 14.2 in (116 x 36 cm)
Weight	3.5 lbs (1.6 kg)
Antenna material	Aluminum alloy
Antenna color	Black
Suitable mast diameter	40-50 mm

Antenna Patterns



Installation Instructions

1. Install as shown in figure, polarization is chosen as needed, fix the antenna on the mounting mast;
2. Adjust the antenna azimuth to maximize the signal, tighten all the screws, and then waterproof the connector.

About Adaptrum

Driving both technical and regulatory innovations, Adaptrum has pioneered the use of previously underutilized TV White Space spectrum. Founded by leading experts in wireless communications, our creative and experienced team is committed to fundamentally changing the wireless industry and enabling universally affordable broadband.