

YAGI ANTENNA (400-490MHz)

- 400MHz Wireless Trunking Communication.
- Long Distance Communication
- High Gain and Good F/B Ratio

400-490 MHz

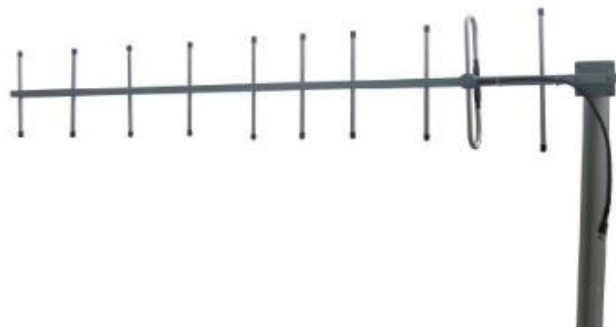
V35° H40°

Tilt: 0°

TA-445-Y90-12VH

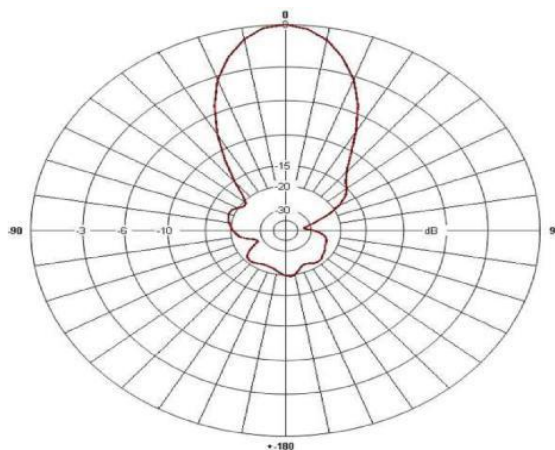
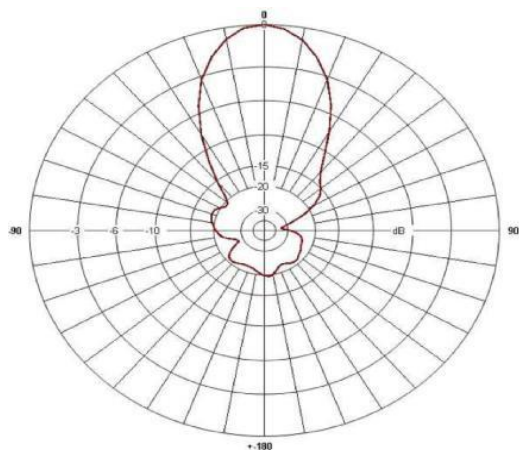
ELECTRICAL SPECIFICATIONS

Antenna Model	TA-445-Y90-12VH
Polarization	V or H
Frequency (MHz)	400-490
Horizontal 3 dB Beamwidth	40°±2°
Vertical 3 dB Beamwidth	35°±2°
Gain (dBi)	12±1
Front-to-Back Ratio (dB)	>16
VSWR	< 1.5 : 1
Maximum Power Per Input (W)	100
Impedance (Ω)	50



MECHANICAL SPECIFICATIONS

Connectors	N(F)
Connector Position	Bottom
Mounting Pipe O.D. mm (in)	40 to 50 (1.57 to 1.96)
Temperature Range	-40° to +70°C
Survival Wind Speed km/h (mph)	200 (125)
Humidity	100%
Antenna Weight kg (lbs)	2.8 (6.17)
Antenna Length mm (in)	1800 (70.8)



Azimuth & Elevation radiation patterns