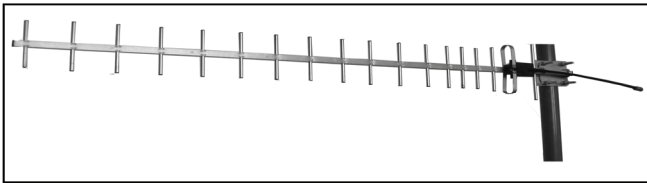
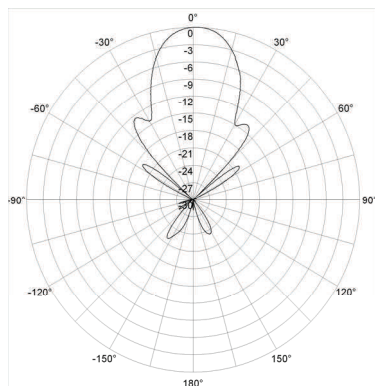


## 824-960 MHz 15 dBi Yagi Antenna with N-Style Jack Connector

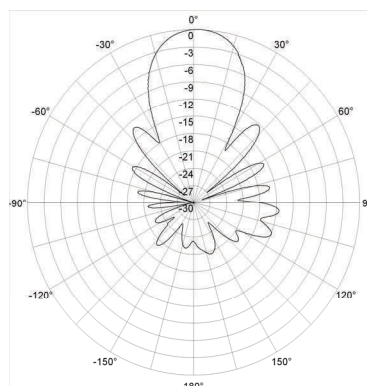
TerraWave's 15 dBi directional yagi antenna is designed for applications in the 900 MHz frequency, including, radio frequency identification (RFID) applications, cellular systems, global system for mobile (GSM) communications, code-division multiple access systems (CDMA) applications, multipoint applications and wireless video links. It features a high gain and can be mounted in a horizontal or vertical polarization. Includes heavy-duty steel mounting brackets and an N-style jack connector. All TerraWave antennas are covered by the Company's two-year TerraNet warranty program. For questions and to purchase product, contact a wireless networking solutions sales engineer at 210-375-8482, 800-851-4965 or [sales@terrawave.com](mailto:sales@terrawave.com). Visit [www.terrawave.com](http://www.terrawave.com) for additional information.



Specifications	
Model	T09150Y11206T
Frequency Range	824 ~ 960 MHz
Bandwidth	136 MHz
Gain	15 dBi
Horizontal Beamwidth	28°
Vertical Beamwidth	28°
Front-to-Back Ratio	≥ 18 dB
VSWR	≤ 1.5
Nominal Impedance	50 Ohms
Maximum Power Rating	50 Watts
Polarization	Vertical or Horizontal
Connector	N-Style Jack
Antenna Length	50.4"
Weight	1.45 lbs
Wind Load	120 mph
Element Material	Aluminum
Mast Mount Diameter	Ø1.57" ~ Ø2"
Operating Temperature Range	-40°F to +140°F



E-Plane Pattern



H-Plane Pattern

## 824-960 MHz 15 dBi Yagi Antenna with N-Style Jack Connector

### Polarization Information

#### Vertical Polarization

As shown in the picture below, all antenna grids are vertically pointing to ground.

#### Horizontal Polarization

1. Loosen the clamp and pull out the antenna
2. Rotate the clamp by 90 degree and push back onto the antenna. Tighten the clamp firmly.
3. Install the antenna such that all grids are pointing parallel (horizontally) to the ground.

