



885 to 975 MHz

ANT930Y10-WR SERIES
YAGI ANTENNA 10.5 dBd / 12.6 dBi

PIM/PIP Models Available

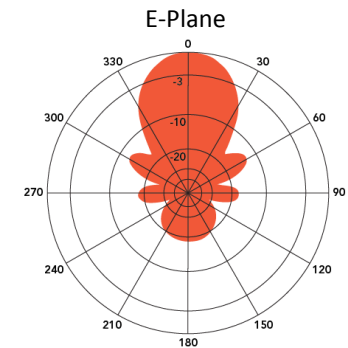
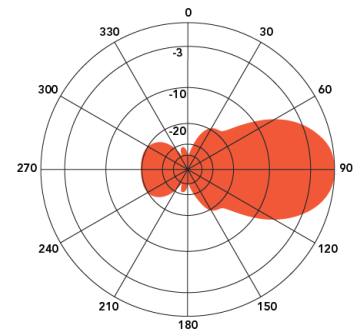
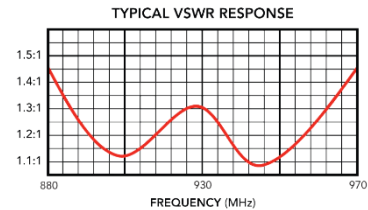
ANT930Y10-WR-PIM PIM Only
 ANT930Y10-WR-PIM-PIP PIM + PIP



The Telewave ANT930Y10-WR Yagi is a high performance directional antenna, designed especially for point to point, as well as point/multipoint control applications. Seven elements provide a minimum of 10.5 dBd (12.6 dBi) forward gain, excellent front-to-back performance, and coverage of the entire 900 MHz commercial band. The specially designed Low PIM-Rated versions are also built using treated materials and a meticulous assembly process to achieve a -150 dBc PIM rating or better.

Each antenna is completely protected using our high-tech Txylan™ coating, found only on Telewave's antennas. This special coating, unlike paint or other look-alikes, provides icing resistance and protection from corrosive gases, UV radiation, salt spray, acid rain, and wind-blown sand. The feed line is protected within the boom, and the radiating element is completely sealed against ice and other hazards with a tough, RF-transparent radome.

When ordering, specify all TX and RX frequencies that will be used on the antenna. Telewave support can assist with any special mounting needs.



Part # (Standard Clamp)	Part # (Universal Clamp)	Connector	Jumper
ANT930Y10-WR	ANT930Y10-WRU	N-F	None
ANT930Y10-WR-DIN	ANT930Y10-WRU-DIN	DIN-F	None
ANT930Y10-WR-PIM	ANT930Y10-WRU-PIM	DIN-F	None
ANT930Y10-WR-PIM-PIP	ANT930Y10-WRU-PIM-PIP	DIN-F	None

SPECIFICATIONS			
Frequency Range	885 to 975 MHz	Passive intermodulation rating ¹ (PIM)	-150 dBc or better
Gain dBd / dBi	10.5 dBd / 12.6 dBi	Peak Instantaneous Power ² (PIP)	25 KW
Maximum Input Power	500 watts	Supported Polarization	Vertical or Horizontal
Input VSWR	1.5:1 or less	Wind rating / with 0.5" ice	200 / 165 MPH
		Equivalent flat plate area	0.25 ft ² (0.0762 meter ²)
Beam Width V / H	40° / 50°	Lateral thrust at 100 MPH	10 lb (4.54 kg)
Front to Back Ratio	25 dB	Tower weight (antenna + clamps)	8 lb (3.63 kg)
RF Impedance	50 ohms	Full antenna dimensions (L x D) in (cm)	38.00 x 1.00 (36.80 x 2.50)
DC Impedance	Open	Shipping Weight	10 lb (4.54 kg)
Temperature range	-40 to +140 °F -40 to +60 °C	Shipping Dimensions (L X W X H) in (cm)	
Coastal / Salt Air Suitable	Yes, Txylan™ coated	Shipping Mode	Freight/UPS/FedEx/etc.

¹ Specifications apply only to PIM-Rated Models

² Specifications apply only to PIP-Rated Models