

ANT930Y10-WR

YAGI ANTENNA 10.2 dBd / 12.3 dBi



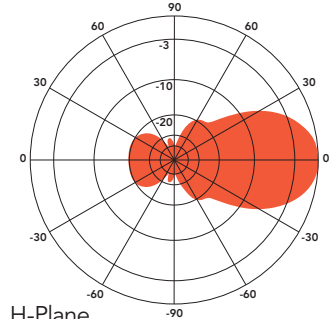
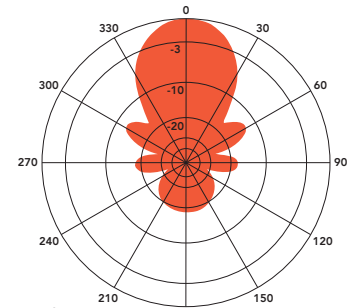
The Telewave ANT930Y10-WR Yagi is a high performance directional antenna, designed especially for point to point as well as point to multipoint control applications. Seven elements provide a minimum of 10.2 dBd (12.3 dBi) forward gain, excellent front-to-back performance, and coverage of the entire 900 MHz commercial band. The boom and elements are solid 360° welded aluminum to prevent intermodulation and provide exceptional strength.

All antenna components are completely protected with our high-tech Txylan™ coating, which seals the antenna against corrosive gases, ultraviolet radiation, salt spray, acid rain, and abrasives such as windblown

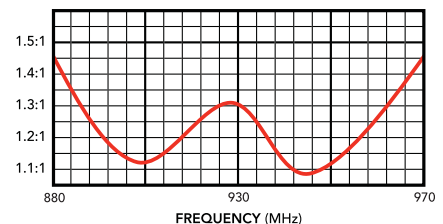
sand in desert environments. This coating also greatly reduces ice buildup. The active element and feed line are sealed within the antenna, eliminating a major cause of failure.

The ANT930Y10-WR includes a welded vertical plate and mast clamp set. A horizontal plate is optional. The clamp set secures the antenna to a vertical mast or tower support from 1.0" - 2.5" O.D. For installations on angled supports, the "U" mount allows mounting to virtually all angled supports up to 3.5" O.D., and continuously adjustable polarization with a 90° angle feed for hardline cable.

ANT930Y10-WR at 930 MHz


 H-Plane
Gain: 10.5 dBd

 E-Plane
Gain: 10.5 dBd

TYPICAL VSWR RESPONSE



SPECIFICATIONS			
Frequency (continuous)	885-975 MHz	Elements	7
Gain (typ)	10.2 dBd	Dimensions (L x H)	28 x 7.5 in.
Power rating (typ)	500 watts	Antenna weight	3 lb.
Impedance / VSWR	50 ohms / 1.5:1 (max)	Shipping weight	8 lb.
Front to back ratio (min)	25 dB	Wind rating / with 0.5" ice	200 / 165 MPH
Beamwidth V / H	43° / 41°	Exposed area (flat plate equiv.)	0.25 ft. ²
Pattern / Polarization	Directional / Vertical	Lateral thrust at 100 MPH	10.0 lb.
Termination	N Female or 7-16 DIN (opt)	(40 psf - flat plate equiv.)	