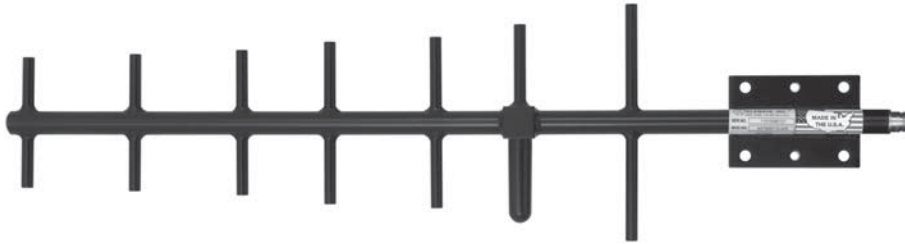
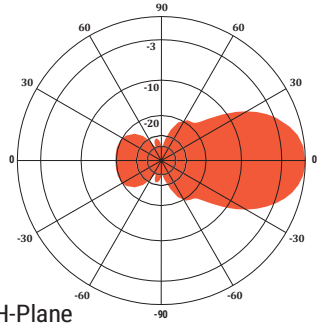
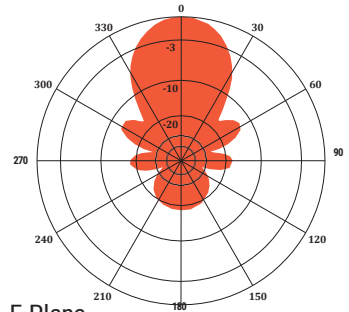


# ANT930Y10-WR

## YAGI ANTENNA 10.5 dBd / 12.6 dBi



ANT930Y10-WR at 930 MHz


 H-Plane  
Gain: 10.5 dBd

 E-Plane  
Gain: 10.5 dBd

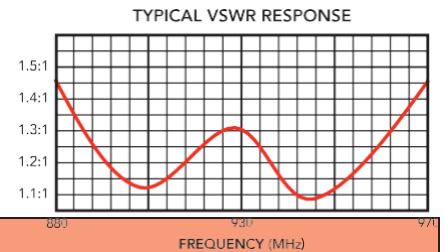
The Telewave.io ANT930Y10-WR Yagi is a high performance directional antenna, designed especially for point to point as well as point/ multipoint control applications. Seven elements provide a minimum of 10.5 dBd (12.6 dBi) forward gain, excellent front-to-back performance, and coverage of the entire 900 MHz commercial band. The boom and elements are solid 360° welded aluminum to prevent intermodulation and provide exceptional strength.

Each antenna is completely protected with our high-tech Txylan™ coating, which 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.

The ANT930Y10-WR includes a welded vertical plate and mast clamp set. A horizontal welded plate is optional, or the ANTM940H adapter can be used. The clamp set fits any vertical mast or tower support from 1.0"-2.5" O.D.

For installations on angled supports, the Universal mount option deletes the welded clamp, providing 3 separate planes of rotation and almost any required orientation. The "U" mount attaches to virtually all supports up to 3.5" in diameter, and can be adapted to flat surfaces and utility poles.



SPECIFICATIONS			
Frequency (continuous)	885-975 MHz	Elements	7
Gain (typ)	10.5 dBd	Dimensions (L x H)	28.5 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	40° / 50°	Exposed area (flat plate equiv.)	0.25 ft. <sup>2</sup>
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.)	