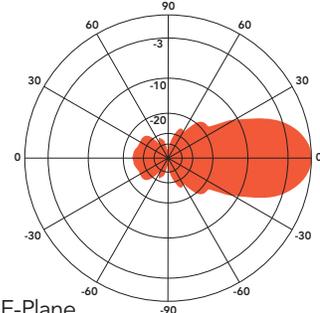


# ANT930Y12-WR

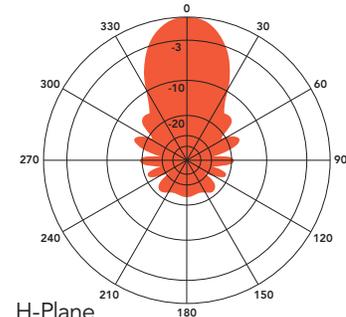
## YAGI ANTENNA 12.2 dBd / 14.3 dBi



ANT930Y12-WR at 930 MHz



E-Plane  
Gain: 12.2 dBd



H-Plane  
Gain: 12.2 dBd

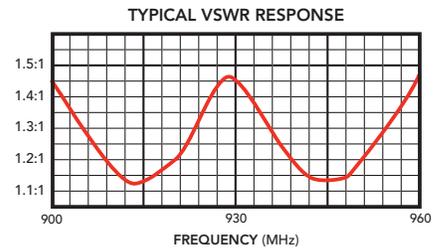
The Telewave ANT930Y12-WR Yagi antenna is a high performance directional antenna, with reduced sidelobes and very high front-to-back ratio. Twelve elements provide a minimum of 12.2 dBd (14.3 dBi) forward gain, and coverage of the entire 900 MHz commercial band. The boom and elements are solid 360° welded aluminum to prevent intermodulation and provide exceptional strength.

All antenna components are completely protected with our high-tech Txytan™ coating, which seals the antenna against corrosive gases, UV radiation, salt spray, acid rain, and wind-blown sand in desert environments. This coating also greatly reduces ice buildup.

The active element and feed line are sealed within the antenna.

The ANT930Y12-WR includes a welded vertical plate and mast clamp set. A horizontal welded plate is optional, or the ANTM400H adapter can be used. The clamp set fits any vertical mast or tower support from 1.5"-3.5" O.D. For hardline cable a 90°-angle feed option is available.

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)	880-960 MHz	Elements	12
Gain (typ)	12.2 dBd	Dimensions (L x H)	44 x 6 in.
Power rating (typ)	500 watts	Antenna weight	6 lb.
Impedance / VSWR	50 ohms / 1.5:1 (max)	Shipping weight	11 lb.
Front to back ratio (min)	26 dB	Wind rating / with 0.5" ice	175 / 150 MPH
Beamwidth V / H	34° / 36°	Exposed area (flat plate equiv.)	0.58 ft. <sup>2</sup>
Pattern / Polarization	Directional / Vertical	Lateral thrust at 100 MPH	23.2 lb.
Termination	N Female or 7-16 DIN (opt)	(40 psf - flat plate equiv.)	