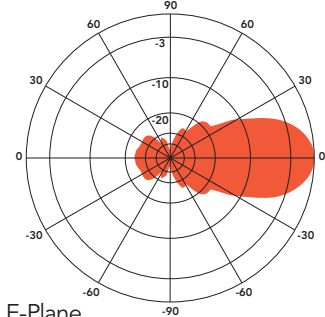


# ANT930Y12-WR

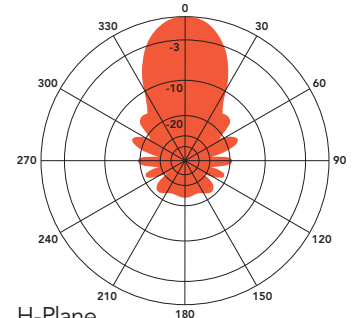
## YAGI ANTENNA 12.2 dBd / 14.3 dBi



ANT930Y12-WR at 930 MHz



E-Plane  
Gain: 12.2 dBd



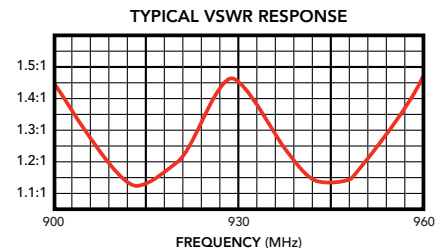
H-Plane  
Gain: 12.2 dBd

The Telewave ANT930Y12-WR Yagi antenna is a high performance directional antenna, with reduced sidelobes, and very high F/B ratio. Twelve elements provide a minimum of 12.2 dBd (14.3 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 ANT930Y12-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 1.5" - 3.5" O.D. An optional Universal mount allows mounting to straight or angled supports up to 3.5", and continuously adjustable polarization with a 90° angle feed for hardline cable.



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.)	