

ANT220Y7-WR

YAGI ANTENNA 5 dBd



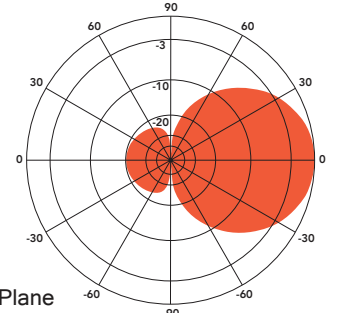
The Telewave ANT220Y7-WR is a high performance directional antenna, designed especially for point to point as well as point/multipoint applications. This antenna produces 5 dBd forward gain with an excellent front-to-back ratio, and solid aluminum elements with 360° welds prevent intermodulation and provide exceptional strength. The ANT220Y7-WR is an excellent choice for wireless PTC systems in urban or rural areas.

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

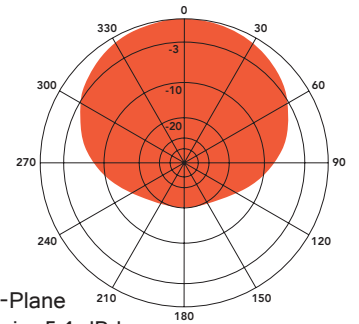
provides icing resistance and protection from corrosive gases, UV radiation, salt spray, acid rain and wind-blown sand. The feed line is protected within the boom, and the radiating element is completely sealed against ice and other hazards with a tough, RF-transparent radome.

The ANT220Y7-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.

ANT220Y7-WR at 221MHz

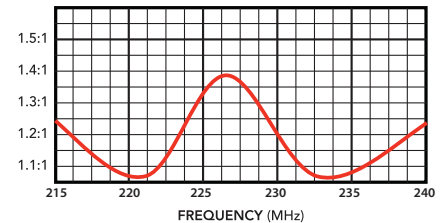


E-Plane
Gain: 5.1 dBd



H-Plane
Gain: 5.1 dBd

TYPICAL VSWR RESPONSE



SPECIFICATION			
Frequency (continuous)	216-240 MHz	Elements	3
Gain (typ)	5 dBd	Dimensions (L x H)	30 x 30 in.
Power Rating (typ)	500 watts	Antenna weight	13 lb.
Impedance / VSWR	50 ohms / 1.5:1 (max)	Shipping weight	16 lb.
Front to back ratio (min)	15 dB	Wind rating / with 0.5" ice	150 / 125 MPH
Beamwidth V / H	64° / 114°	Exposed area (flat plate equiv.)	0.7 ft. ²
Pattern / Polarization	Directional / Vertical	Lateral thrust at 100 MPH	28 lb.
Termination	N Female or 7-16 DIN (opt)	(40 psf - flat plate equiv.)	