

ANT144Y5-WR

YAGI ANTENNA 5 dBd



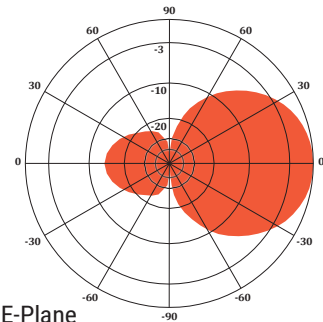
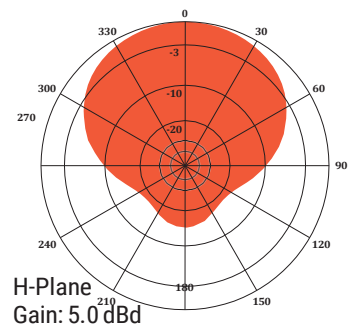
The Telewave.io ANT144Y5-WR is a high performance directional antenna, designed especially for point to point as well as point/ multipoint applications. This antenna produces 5 dBd forward gain with an excellent front-to-back ratio, and solid aluminum elements with 360° welds prevent intermodulation and provide exceptional strength.

Each antenna is completely protected with our high-tech Tylan™ coating, which provides icing resistance and protection

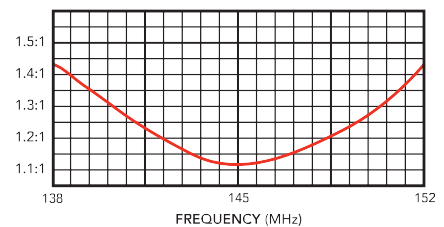
from corrosive gases, UV radiation, salt spray, acid rain and wind-blown sand. The feed line is protected within the boom, and the radiating element is completely sealed against ice and other hazards with a tough, RF-transparent radome.

The ANT144Y5-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.

ANT144Y5-WR at 147 MHz


 E-Plane
Gain: 5.0 dBd

 H-Plane
Gain: 5.0 dBd

TYPICAL VSWR RESPONSE



| SPECIFICATIONS | | | |
|---------------------------|----------------------------|----------------------------------|----------------------|
| Frequency (continuous) | 138-152 MHz | Elements | 3 |
| Gain (typ) | 5 dBd | Dimensions (L x H) | 38 x 42 in. |
| Power rating (typ) | 500 watts | Antenna weight | 17 lb. |
| Impedance / VSWR | 50 ohms / 1.5:1 (max) | Shipping weight | 20 lb. |
| Front to back ratio (min) | 20 dB | Wind rating / with 0.5" ice | 150 / 125 MPH |
| Beamwidth V / H | 64° / 120° | Exposed area (flat plate equiv.) | 1.1 ft. ² |
| Pattern / Polarization | Directional / Vertical | Lateral thrust at 100 MPH | 44 lb. |
| Termination | N Female or 7-16 DIN (opt) | (40 psf - flat plate equiv.) | |