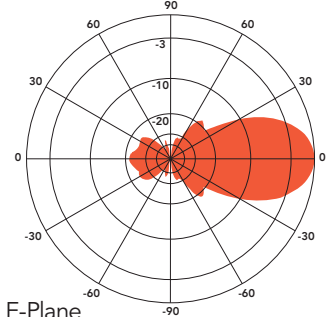


ANT2045Y12-WR

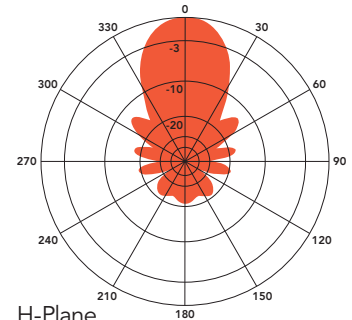
YAGI ANTENNA 12 dBd / 14.1 dBi



ANT2045Y12-WR at 2045 MHz



E-Plane
Gain: 12.0 dBd



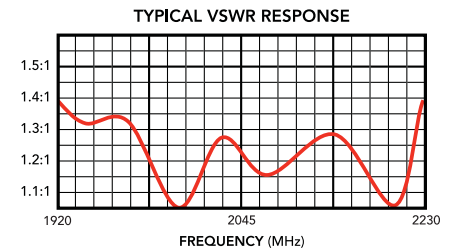
H-Plane
Gain: 12.0 dBd

The Telewave ANT2045Y12-WR is a rugged, wideband, high-gain Yagi antenna, designed for point-to-point or point-to-multipoint applications in any environment. The antenna uses thirteen solid brass elements, and produces 12 dBd forward gain with exceptional front-to-back performance. Construction and design are optimized to prevent RF intermodulation, and ensure precise pattern control.

Each antenna is completely protected with Telewave's high-tech Tylan™ coating, which protects the antenna from corrosive gases, UV

radiation, salt spray, acid rain and wind-blown abrasives. The feed line is sealed within the antenna boom, and an RF-transparent radome protects the driven element from corrosion or icing.

The ANT2045Y12-WR includes a standard clamp set that allows the installer to rotate the antenna for vertical or horizontal polarization. The clamp set secures the antenna to a vertical mast or tower support from 0.5" - 1.5" O.D. The universal mount option allows mounting to angled supports up to 3.5" O.D., and continuous tilt adjustment.



SPECIFICATIONS			
Frequency (continuous)	1920-2170 MHz	Elements	13
Gain (typ)	12 dBd	Dimensions (L x H)	24 x 3.75 in.
Power rating (typ)	500 watts	Antenna weight	1.6 lb.
Impedance / VSWR	50 ohms / 1.5:1 (max)	Shipping weight	6.0 lb.
Front to back ratio (min)	30 dB	Wind rating / with 0.5" ice	175 / 150 MPH
Beamwidth V / H	30° / 35°	Exposed area (flat plate equiv.)	0.14 ft. ²
Pattern / Polarization	Directional / Variable	Lateral thrust at 100 MPH	5.6 lb.
Termination	N Female or 7-16 DIN (opt)	(40 psf - flat plate equiv.)	