

ANT150F6

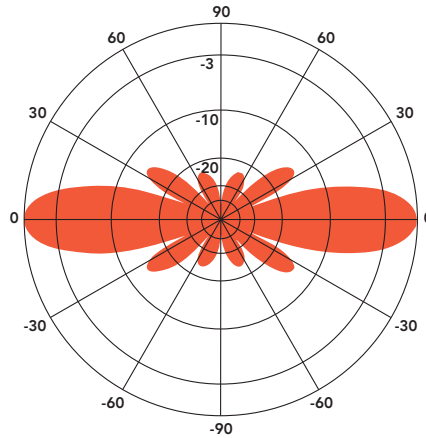
FIBERGLASS COLLINEAR ANTENNA 6 dBd

The Telewave ANT150F6 is an extremely rugged, medium-gain, fiberglass collinear antenna, designed for operation in all environmental conditions. The antenna is constructed with brass and copper elements, connected at DC ground potential for lightning impulse protection. All junctions are fully soldered to prevent RF intermodulation, and each antenna is completely protected within a high-tech, flexible radome to ensure survivability in the worst environments.

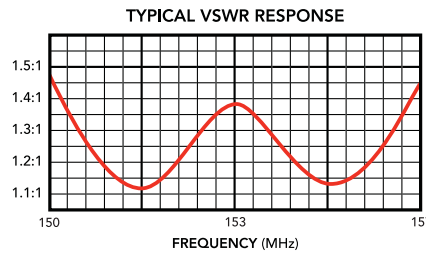
The "Cool Blue" radome provides maximum protection from corrosive gases, UV radiation, icing, salt spray, acid rain, and wind blown abrasives. Eight models cover the entire VHF band. Please specify exact frequency and band code (-1, -2, etc.) when ordering.

The ANT150F6 includes an ANTC482 dual clamp set for mounting to a 1.5" to 3.5" O.D. support pipe, and a 24" removable RG-213 N-Male jumper. Stand off and top mounts are also available.

NOTE: THESE ANTENNAS ARE SHIPPED VIA TRUCK FREIGHT ONLY



ANT150F6 - 156 MHz
Vertical Plane
Gain = 6.41 dBd



FREQUENCY RANGES	
ANT150F6-1	138 - 144 MHz
ANT150F6-2	144 - 151 MHz
ANT150F6-3	150 - 157 MHz
ANT150F6-4	156 - 164 MHz
ANT150F6-5	158 - 166 MHz
ANT150F6-6	161 - 168 MHz
ANT150F6-7	167 - 172.5 MHz
ANT150F6-8	171 - 175 MHz



SPECIFICATIONS		138-151 MHz	150-175 MHz
Frequency range	138-175 MHz (8 bands)	Dimensions (L x base diam.)	256" x 2.75" 244" x 2.75"
Gain	6 dBd	Tower weight (Antenna + clamps)	43 lb. 41 lb.
Power rating (typ.)	500 watts	Shipping weight	65 lb. 62 lb.
Impedance	50 ohms	Wind rating / 0.5" ice	150 / 125 MPH
VSWR	1.5:1 or less	Maximum exposed area	4.05 ft. ² 3.97 ft. ²
Pattern	Omnidirectional	Lateral Thrust at 100 MPH	162 lb. 159 lb.
Vertical beamwidth	20°	Bending Moment - top clamp (100 MPH, 40 PSF flat plate equiv.)	1090 ft. lb. 1010 ft. lb.
Termination	Recessed N Female 7-16 DIN-F opt.		