

# ANT220F6

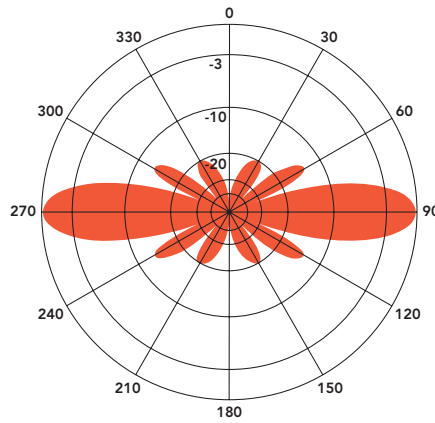
## FIBERGLASS COLLINEAR ANTENNA 6 dBd

DFS Model: CTA206

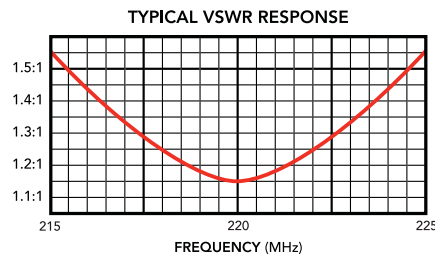
The Telewave **ANT220F6** is an extremely rugged, medium-gain, fiberglass collinear antenna, designed for operation in all environmental conditions. The antenna is constructed with brass and copper elements, connected at DC ground potential for lightning impulse protection.

All junctions are fully soldered to prevent RF intermodulation, and each antenna is completely protected within a high-tech ruggedized radome to ensure survivability in the worst environments. The "Cool Blue" radome provides maximum protection from corrosive gases, ultraviolet radiation, icing, salt spray, acid rain, and wind blown abrasives.

The ANT220F6 includes an ANTC482 dual clamp set for mounting to a 1.5" to 4" diameter support pipe, and a 24" removable RG-213 N-Male jumper. Stand off and top mounts are also available.



ANT220F6 - 221 MHz  
Vertical Plane  
Gain = 6.11 dBd



**NOTE: THIS ANTENNA IS SHIPPED VIA TRUCK FREIGHT ONLY**

SPECIFICATIONS			
Frequency (continuous)	216-225 MHz	Dimensions (L x base diam.) in.	171 x 2.75
Gain	6 dBd	Tower weight (antenna + clamps)	32 lb.
Power rating (typ.)	500 watts	Shipping weight	47 lb.
Impedance	50 ohms	Wind rating / with 0.5" ice	150 / 125 MPH
VSWR	1.5:1 or less	Maximum exposed area	3.1 ft. <sup>2</sup>
Pattern	Omnidirectional	Lateral thrust at 100 MPH	122 lb.
Vertical beamwidth	20°	Bending moment at top clamp	494 ft. lb.
Termination	Recessed N-Female 7-16 DIN-F opt.	(100 MPH, 40 PSF flat plate equiv.)	



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All specifications subject to change without notice  
TWDS-7021 Rev. 2/07