

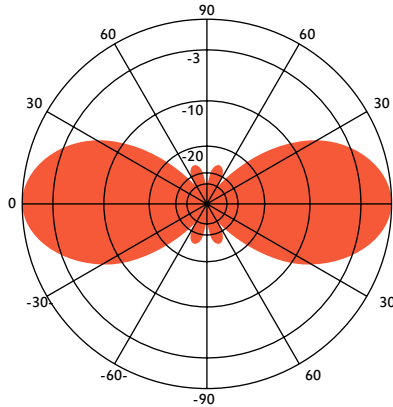
# ANT425F2

## FIBERGLASS COLLINEAR ANTENNA 2.5 dBd

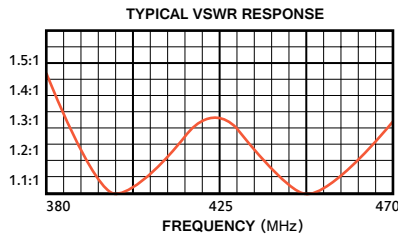
The Telewave ANT425F2 is an extremely rugged collinear antenna, with moderate gain and wide vertical beamwidth. This compact antenna produces 2.5 dBd gain, and is designed for operation in all environmental conditions. The antenna is constructed with brass and copper elements, with a path to DC ground for lightning impulse protection.

All junctions are fully soldered to prevent RF intermodulation, and each antenna is completely protected within a rugged, hightech 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. (intrusion and water protection is equivalent to an IP24 rating.)

The ANT425F2 includes the ANTC485 dual clamp set for mounting to a 1.5" to 3" O.D. support pipe, and a 24" removable RG-213 N-Male jumper.



ANT425F2 - 425 MHz  
Vertical Plane  
Gain = 2.56 dBd



SPECIFICATION			
Frequency (continuous)	380-470 MHz	Dimensions ( L x base diam.)in.	42 x2.75
Gain	2.5 dBd	Tower weight (antenna + clamps)	9 lb.
Power Rating (Type.)	500 watts	Shipping weight	11 lb.
Impedance	50 ohms	Wind rating/ with 0.5" ice	200 / 150 MPH
VSWR	1.5:1 or less	Maximum exposed area	1.0 ft. <sup>2</sup>
Pattern	Omnidirectional	Lateral thrust at 100 MPH	38 lb.
Vertical beamwidth	38°	Bending moment at top clamp	30 ft. lb.
Termination	Recessed N Female 7-16 DIN-F opt	(100MPH, 40 PSF flat plate equiv.)	
Temperature	-51 to 158 Degrees F (-46 to 70 Degrees C)		