

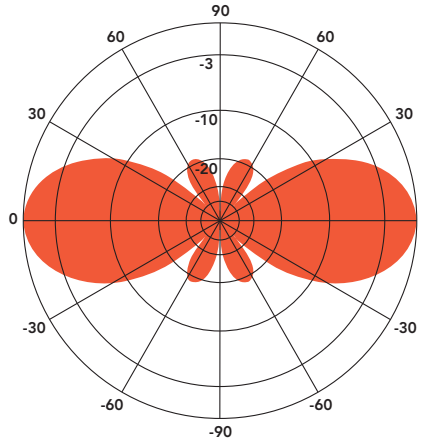
ANT900F2

FIBERGLASS COLLINEAR ANTENNA 2.5 dBd

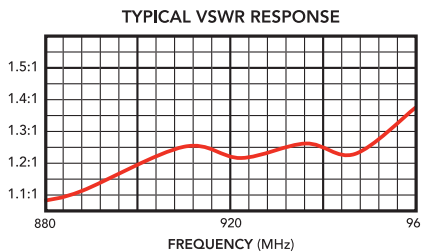
The Telewave ANT900F2 is an extremely rugged collinear antenna, with moderate gain and wide vertical beamwidth. This compact antenna produces 2.5 dBd gain, and is designed for operation in all environmental conditions. The antenna is constructed with brass and copper elements, with a path to ground potential for lightning impulse protection.

All junctions are fully soldered to prevent RF intermodulation, and each antenna is completely protected within a rugged, high-tech 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 ANT900F2 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.



ANT900F2 - 928 MHz
Vertical Plane
Gain = 2.5 dBd



| SPECIFICATIONS | | | |
|------------------------|--------------------------------------|-------------------------------------|----------------------|
| Frequency (continuous) | 880-960 MHz | Dimensions (L x base diam.) in. | 38 x 2.75 |
| Gain | 2.5 dBd | Tower weight (antenna + clamps) | 8 lb. |
| Power rating (typ.) | 500 watts | Shipping weight | 10 lb. |
| Impedance | 50 ohms | Wind rating / with 0.5" ice | 200 / 150 MPH |
| VSWR | 1.5:1 or less | Maximum exposed area | 0.9 ft. ² |
| Pattern | Omnidirectional | Lateral thrust at 100 MPH | 35 lb. |
| Vertical beamwidth | 38° | Bending moment at top clamp | 23 ft. lb. |
| Termination | Recessed N Female 7-16 DIN-F opt. | (100 MPH, 40 PSF flat plate equiv.) | |