

## ANT260K WIDEBAND DISCONE ANTENNA

The Telewave ANT260K is an extremely rugged, wideband disccone antenna for all frequencies between 75 MHz and 3 GHz. The wide vertical beamwidth of disccone antennas allows clear communication for ground and ground-to-air applications. Low frequency response extends down to 75 MHz at 2:1 VSWR.

Telewave disccone antennas are designed to survive the most extreme conditions, where conventional antennas often fail. They are field-proven in US and overseas deployments and support many programs, including:

- DOD Standard (ATC)
- RIPRNET
- Joint Radio Relay (JR2)
- C2 and C4I Systems

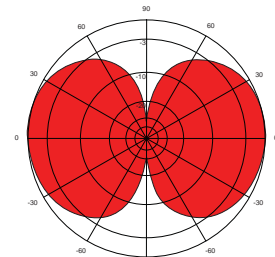
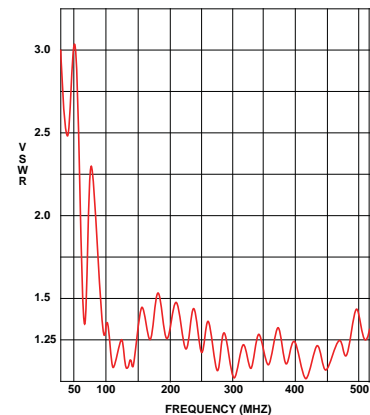
Each disccone is constructed from Mil. Spec. 6061-T6 solid aluminum, fully welded at all joints for maximum strength.

All internal junctions are enclosed within a ruggedized radome to ensure survivability in the worst environments. The radome and Txytan™ coating on all metal surfaces ensures complete protection from corrosive gases, ultraviolet radiation, salt spray, acid rain and sand storms in desert environments.

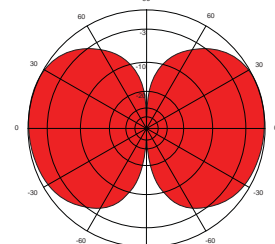
The ANT260K is designed to be clamped to a 1.5"-3.5" diameter galvanized steel support pipe. An ANTC482 dual clamp set is included.



ANTC482



E-plane: 100 MHz



E-plane: 400 MHz

| SPECIFICATIONS            |   |
|---------------------------|---|
| Frequency (continuous)    | 75 MHz - 3 GHz (75-95 MHz at 2:1 VSWR)    |
| Power rating (typ.)       | 500 watts                                 |
| Gain (typ.)               | 0 dBd                                     |
| Impedance                 | 50 ohms                                   |
| VSWR                      | 1.5:1 or less in band                     |
| Pattern                   | Omnidirectional                           |
| Termination               | N-Male or 7-16 DIN on RG-393 feed cable   |
| Vertical beamwidth (nom.) | 110 degrees                               |
| Wind rating / 0.5" ice    | 200 / 150 MPH                             |
| Maximum exposed area      | 1.67 ft. <sup>2</sup>                     |
| Lateral thrust at 100 MPH | 66 lb                                     |
| Bending moment at 100 MPH | 133 ft. lb (top clamp, flat plate equiv.) |
| Dimensions                | 53" H x 26" W (at base)                   |
| Weight (antenna + clamps) | 52 lb                                     |
| Shipping weight           | 102 lb                                    |