

# O-3802v-C2W7-D2

Low Profile Dual Band 700/850 MHz AWS Omni DAS Antenna



## Product Description

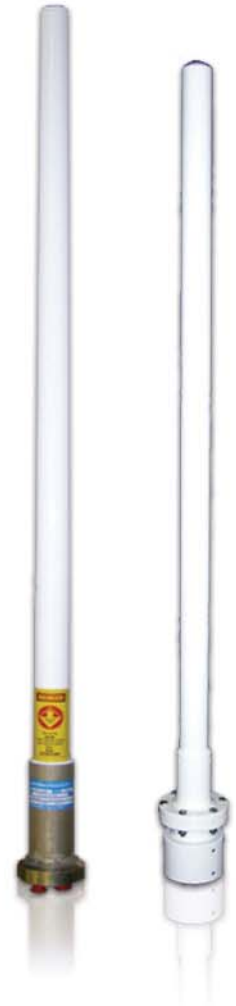
|                          |   |
|--------------------------|---|
| Model Number             | O-3802v-C2W7-D2T (Top mount)<br>O-3802v-C2W7-D2S (Side mount) |
| Operating Frequency Band | 698-896 MHz   1695-2360 MHz                                   |

## Electrical Specifications

|                                   |                            |
|-----------------------------------|----------------------------|
| <b>Frequency Range, MHz</b>       | <b>698-896   1695-2360</b> |
| Gain, dBi                         | 2   7                      |
| Horizontal Beamwidth, degrees     | 360                        |
| Vertical Beamwidth, degrees +/-1  | 70   16                    |
| VSWR, dB                          | < 1.7:1                    |
| PIM, dBc                          | < -150                     |
| Input Power per Port, watts (max) | 200                        |
| Polarization                      | Vertical                   |
| Isolation, dB                     | > 20                       |
| Impedance, ohms                   | 50                         |
| Azimuth Ripple, +/- dB            | 0.5                        |

## Mechanical & Environmental Specifications

|                      |  |
|----------------------|--|
| Connector            | 2 x DIN 7/16 or 4.3-10   |
| Mounting             | Top mount (Mounts over 2.0" OD post)<br>Side mount (Mounts to 1 3/4" - 3" OD post) |
| Dimensions           | 38 1/4 inches x 2.0 inch O.D.  |
| Weight               | < 10 lbs.  |
| Color                | White Standard (Color Options Available)   |
| Wind Survival        | 120 mph.   |
| Lightning Protection | Direct Ground  |



## Patterns

**1695-2360 MHz**  
Elevation Pattern

