

4240.09-875-Tx

Single Band | Omni Antenna | V-Pol | 360° | 9.0 dBd | Fixed Tilt

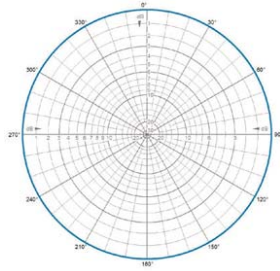
| Ordering Options | | |
|--|--|----------------------------------|
| When ordering, replace the "x" in the model number with the electrical downtilt. Select from the options listed below. | | |
| Antenna with 0° fixed electrical downtilt | 4240.09-875-T0 | |
| Antenna with 3° fixed electrical downtilt | 4240.09-875-T3 | |
| Electrical Characteristics | | |
| Frequency Range | 790-960 MHz | |
| Input Impedance | 50Ω | |
| VSWR | < 1.5:1 | |
| H-Plane Ripple | < ±1 dB | |
| Maximum Input Power | 400 Watts | |
| Polarization | Vertical | |
| Gain | 9.0 dBd (11.2 dBi) | |
| Horizontal Beamwidth (3 dB) | Omni-Directional | |
| Vertical Beamwidth (3 dB) | 8° ±1° | |
| Intermodulation (3rd Order, 2x Tx @ 43 dBm) | -153 dBc | |
| Antistatic Protection | All metal parts DC Grounded (Connector shows a DC short) | |
| Lightning Protection | Withstands 2.5 x 10 ⁶ A ² s pulse; DC Grounded | |
| Mechanical Characteristics | | |
| Connector | 7/16-DIN Female | |
| Construction Material | Antenna Base | Aluminium |
| | Shroud | GRP Tube 53 mm (2.1 in) Diameter |
| | Radiating Element | Brass |
| Mounting Section | Al. Tube 63.5 mm (2.5 in) Diameter x 350 mm (13.8 in) Length | |
| Dimensions (Length x Diameter) | 2843 x 53 mm (111.9 x 2.1 in) | |
| Weight | 9.0 kg (19.8 lbs) | |
| Wind Loading (@ 45ms ⁻¹) | 224 N (50.4 lbf) | |
| Survival Wind Speed | 300 km/h (186 mph) | |
| IP Rating | IP66 | |
| Mounting Options | Part Number | Fits Pipe Diameter |
| All mounting bracket kits are ordered separately unless otherwise indicated. | | |
| Parallel Bracket | 2141.01.00.00 | Fits Up to Ø120 mm (Ø4.7 in) |
| Cross Bracket | 0300284/00 & 4884036/00 | Fits Up to Ø50 mm (Ø2.0 in) |
| | 0300284/00 & 4884076/00 | Fits Up to Ø76 mm (Ø3.0 in) |
| | 0300284/00 & 4884035/00 | Fits Up to Ø100 mm (Ø3.9 in) |



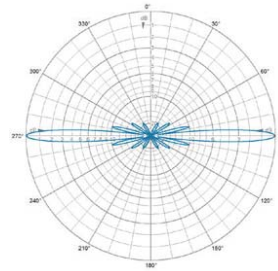
Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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Horizontal | 875 MHz



0° | Vertical | 875 MHz