



DB411-B

Andrew® Quasi-Omni Exposed Dipole Antenna, 450–470 MHz, 360° horizontal beamwidth, fixed electrical tilt

- Broad response
- Moisture resistant
- Rugged, reliable design

Electrical Specifications

| | |
|--------------------------------------|----------------|
| Frequency Band, MHz | 450–470 |
| Gain, dBi | 11.1 |
| Beamwidth, Horizontal, degrees | 360 |
| Beamwidth, Vertical, degrees | 14.0 |
| Beam Tilt, degrees | 0 |
| VSWR Return Loss, dB | 1.5 14.0 |
| Input Power per Port, maximum, watts | 250 |
| Polarization | Vertical |
| Impedance | 50 ohm |

General Specifications

| | |
|--------------------------|----------------------------|
| Antenna Brand | Andrew® |
| Antenna Type | Quasi-Omni, exposed dipole |
| Band | Single band |
| Operating Frequency Band | 450 – 470 MHz |
| Performance Note | Outdoor usage |

Mechanical Specifications

| | |
|------------------------------|---|
| Color | Silver |
| Lightning Protection | dc Ground |
| Radiator Material | Aluminum |
| RF Connector Interface | N Male |
| RF Connector Location | End of flexible lead |
| RF Connector Quantity, total | 1 |
| Wind Loading, maximum | 266.9 N @ 100 mph 60.0 lbf @ 100 mph |
| Wind Speed, maximum | 161 km/h 100 mph |

Dimensions

| | |
|------------|----------------------|
| Length | 2870.2 mm 113.0 in |
| Net Weight | 11.3 kg 25.0 lb |

Regulatory Compliance/Certifications

| | |
|----------------------------|---|
| Agency | Classification |
| RoHS 2011/65/EU | Compliant by Exemption |
| China RoHS SJ/T 11364-2006 | Above Maximum Concentration Value (MCV) |

DB411-B

ISO 9001:2008

Designed, manufactured and/or distributed under this quality management system



Included Products

DB365-OS — Pipe Mounting Kit that consists of two clamps for mounting antennas to round members 1.25 - 3.5 in (35 - 89 mm) OD round members.

* Footnotes

Performance Note Severe environmental conditions may degrade optimum performance