

DB222-B



1-port omni exposed dipole antenna, 158–166 MHz, 360° HPBW, fixed electrical tilt

- Broad response
- Weather resistant

OBSOLETE

This product was discontinued on: March 27, 2020

General Specifications

| | |
|---|--|
| Antenna Type | Omni |
| Band | Single band |
| Color | Silver |
| Grounding Type | RF connector inner conductor and body grounded to reflector and mounting bracket |
| Performance Note | Outdoor usage |
| Radiator Material | Aluminum |
| RF Connector Interface | N Male |
| RF Connector Location | Bottom |
| RF Connector Quantity, high band | 0 |
| RF Connector Quantity, mid band | 0 |
| RF Connector Quantity, low band | 1 |
| RF Connector Quantity, total | 1 |

Dimensions

| | |
|---|---------------------|
| Length | 3,225.8 mm 127 in |
| Net Weight, without mounting kit | 7.2 kg 15.873 lb |

Electrical Specifications

| | |
|---------------------------------|---------------|
| Impedance | 50 ohm |
| Operating Frequency Band | 158 – 166 MHz |
| Polarization | Vertical |

DB222-B

Electrical Specifications

| | |
|---|----------------|
| Frequency Band, MHz | 158-166 |
| Gain, dBi | 5.1 |
| Beamwidth, Horizontal, degrees | 360 |
| Beamwidth, Vertical, degrees | 36 |
| Beam Tilt, degrees | 0 |
| VSWR Return loss, dB | 1.5 14.0 |
| Input Power per Port, maximum, watts | 500 |

Mechanical Specifications

| | |
|---|--|
| Wind Loading @ Velocity, maximum | 284.7 N @ 100 mph (64.0 lbf @ 100 mph) |
| Wind Speed, maximum | 201 km/h (125 mph) |

Regulatory Compliance/Certifications

| Agency | Classification |
|---------------|--|
| CE | Compliant with the relevant CE product directives |
| ISO 9001:2015 | 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 |
|-------------------------|---|