



1-port omni antenna, 1850–1990 MHz, 360° HPBW, fixed electrical tilt

- Omnidirectional antenna
- Rugged, durable design, heavy duty radome for minimum tip deflection
- Invert mountable

Electrical Specifications

| Frequency Band, MHz | 1850–1990 |
|--------------------------------------|------------|
| Gain, dBi | 12.1 |
| Beamwidth, Horizontal, degrees | 360 |
| Beamwidth, Vertical, degrees | 5.0 |
| Beam Tilt, degrees | 0 |
| VSWR Return Loss, dB | 1.5 14.0 |
| PIM, 5th Order, 2 x 20 W, dBc | -150 |
| Input Power per Port, maximum, watts | 200 |
| Polarization | Vertical |
| Impedance | 50 ohm |

General Specifications

| | |
|--------------------------|-----------------|
| Operating Frequency Band | 1850 – 1990 MHz |
| Antenna Type | Omni |
| Band | Single band |
| Includes | V-bolts |
| Performance Note | Outdoor usage |

Mechanical Specifications

| | |
|----------------------------------|--|
| RF Connector Quantity, total | 1 |
| RF Connector Quantity, high band | 1 |
| RF Connector Interface | 7-16 DIN Female |
| Color | Horizon blue |
| Grounding Type | RF connector inner conductor and body grounded to reflector and mounting bracket |
| Radiator Material | Brass |
| Radome Material | Fiberglass, UV resistant |
| RF Connector Location | Bottom |
| Wind Loading, maximum | 93.4 N @ 100 mph 21.0 lbf @ 100 mph |
| Wind Speed, maximum | 201 km/h 125 mph |

DB910CE-M

Dimensions

Length 1955.8 mm | 77.0 in

Outer Diameter 50.8 mm | 2.0 in

Net Weight, without mounting kit 3.6 kg | 7.9 lb

Regulatory Compliance/Certifications

Agency

ISO 9001:2015

Classification

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



* Footnotes

Performance Note

Severe environmental conditions may degrade optimum performance