DB408-B



1-port omni exposed dipole antenna, 450–470 MHz, 360° HPBW, fixed electrical tilt

- Broad response
- Moisture resistant
- Rugged, reliable design

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	End of flexible lead
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	2,870.2 mm | 113 in
Net Weight, without mounting kit	7.7 kg | 16.976 lb

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	450 – 470 MHz
Polarization	Vertical

Electrical Specifications

Frequency Band, MHz	**450–470**
Gain, dBi	8.7

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Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	14
Beam Tilt, degrees	0
VSWR | Return loss, dB	1.5 | 14.0
Input Power per Port, maximum, watts	250

Mechanical Specifications

Wind Loading @ Velocity, maximum	338.1 N @ 100 mph (76.0 lbf @ 100 mph)
Wind Speed, maximum	201 km/h (125 mph)

Regulatory Compliance/Certifications

Agency	Classification
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

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