

Product Specifications

DB224-B

Omni, Exposed Dipole Antenna, 155–165 MHz, 360° horizontal beamwidth, fixed electrical tilt



- Broad response
- Two-piece mast for ease of shipping

CHARACTERISTICS

General Specifications

Antenna Type Omni, exposed dipole
Operating Frequency Band 155 – 165 MHz

Electrical Specifications

Frequency Band, MHz	155–165
Beamwidth, Horizontal, degrees	360
Gain, dBd	6.0
Gain, dBi	8.1
Beamwidth, Vertical, degrees	16.0
Beam Tilt, degrees	0
VSWR Return Loss, db	1.5:1 14.0
Input Power, maximum, watts	500
Polarization	Vertical
Impedance, ohms	50
Lightning Protection	dc Ground

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Mechanical Specifications

Color	Silver
Connector Interface	N Male
Connector Location	Bottom
Connector Quantity	1
Wind Loading, maximum	560.5 N @ 100 mph 126.0 lbf @ 100 mph
Wind Speed, maximum	128.7 km/h 80.0 mph

Dimensions

Length	6477.0 mm 255.0 in
Net Weight	15.9 kg 35.0 lb

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



INCLUDED PRODUCTS

DB365-OS

Pipe Mounting Kit for 1.25 - 3.5 in (35 - 89 mm) OD round members

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