

Product Specifications



DB224-E

Omni, Exposed Dipole Antenna, 138–150 MHz, 360° horizontal beamwidth, fixed electrical tilt

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

Electrical Specifications

Frequency Band, MHz	138–150
Beamwidth, Horizontal, degrees	360
Gain, dBi	8.1
Beamwidth, Vertical, degrees	16.0
Beam Tilt, degrees	0
VSWR Return Loss, db	1.5:1 14.0
Input Power per Port, maximum, watts	500
Polarization	Vertical
Impedance	50 ohm
Lightning Protection	dc Ground

Mechanical Specifications

Color Radome Material	Silver
Connector Interface Location Quantity	N Male Bottom 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	6858.0 mm 270.0 in
Net Weight	17.2 kg 38.0 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 that consists of two clamps for mounting antennas to round members 1.25 - 3.5 in (35 - 89 mm) OD round members