

DB224-E

Omni, Exposed Dipole Antenna, 138–150 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 138 – 150 MHz

Electrical Specifications

Frequency Band, MHz	138–150
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

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	6858.0 mm 270.0 in
Net Weight	17.2 kg 38.0 lb

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
China RoHS SJ/T 11364-2006

Classification



INCLUDED PRODUCTS

DB365-OS

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