1-port quasi-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, low band	1
RF Connector Quantity, total	1
Dimensions	
Length	2,870.2 mm 113 in
Net Weight, without mounting kit	11.3 kg 24.912 lb
Electrical Specifications	
Impedance	50 ohm
Operating Frequency Band	450 – 470 MHz
Polarization	Vertical

Electrical Specifications

Frequency Band, MHz	450-470
Gain, dBi	11.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	14

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DB411-B

Beam Tilt, degrees	0	
VSWR Return loss, dB	1.5 14.0	
Input Power per Port, maximum, watts	250	
Mechanical Spec	ifications	
Wind Loading @ Velocity,	maximum 266.9 N @ 100 mph (60.0 lbf @ 100 mph)	
Wind Speed, maximum	161 km/h (100 mph)	
Regulatory Compliance/Certifications		
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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