

# DB228-A



1-port omni exposed dipole antenna, 150–160 MHz, 360° HPBW, fixed electrical tilt

- Flexible mounting
- Broad bandwidth

## Electrical Specifications

Frequency Band, MHz	150–160
Gain, dBi	11.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	8.0
Beam Tilt, degrees	0
VSWR   Return Loss, dB	1.5   14.0
Input Power per Port, maximum, watts	500
Polarization	Vertical
Impedance	50 ohm

## General Specifications

Operating Frequency Band	150 – 160 MHz
Antenna Type	Omni
Band	Single band
Performance Note	Outdoor usage

## Mechanical Specifications

RF Connector Quantity, total	1
RF Connector Quantity, low band	1
RF Connector Interface	N Male
Color	Silver
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Radiator Material	Aluminum
RF Connector Location	Bottom
Wind Loading, maximum	1298.9 N @ 100 mph 292.0 lbf @ 100 mph
Wind Speed, maximum	161 km/h   100 mph

## Dimensions

Length	12395.2 mm   488.0 in
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**Net Weight, without mounting kit** 32.6 kg | 71.9 lb

## Regulatory Compliance/Certifications

### Agency

ISO 9001:2015

### Classification

Designed, manufactured and/or distributed under this quality management system



## Included Products

018279-001 — Side Mounting Brace for DB228 Series Antennas

## \* Footnotes

### Performance Note

Severe environmental conditions may degrade optimum performance