



DB806-A

Andrew® Omni Antenna, 740–806 MHz, 360° horizontal beamwidth, fixed electrical tilt

- Omnidirectional antenna
- Rugged, durable design, heavy duty radome for minimum tip deflection
- Invert mountable

Electrical Specifications

Frequency Band, MHz	740–806
Gain, dBi	8.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	16.0
Beam Tilt, degrees	0
VSWR Return Loss, dB	1.5 14.0
Input Power per Port, maximum, watts	400
Polarization	Vertical
Impedance	50 ohm

General Specifications

Antenna Brand	Andrew®
Antenna Type	Omni
Band	Single band
Operating Frequency Band	740 – 806 MHz

Mechanical Specifications

Color	Horizon blue
Lightning Protection	dc Ground
Radiator Material	Brass
Radome Material	Fiberglass, UV resistant
RF Connector Interface	N Female
RF Connector Location	Bottom
RF Connector Quantity, total	1
Wind Loading, maximum	102.3 N @ 100 mph 23.0 lbf @ 100 mph
Wind Speed, maximum	402.3 km/h 250.0 mph

Dimensions

Length	1575.0 mm 62.0 in
Outer Diameter	50.0 mm 2.0 in
Net Weight	7.3 kg 16.1 lb

Regulatory Compliance/Certifications

Agency	Classification
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Product Specifications

COMMScope®

DB806-A

POWERED BY



RoHS 2011/65/EU

China RoHS SJ/T 11364-2006

ISO 9001:2008

Compliant by Exemption

Above Maximum Concentration Value (MCV)

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.