



1-port omni antenna, 890–960 MHz, 360° HPBW, fixed electrical tilt, fits on 38–51 mm (1-1/2 to 2 in) OD pipe

- Light weight, low profile omnidirectional antenna ideal for low to moderate gain applications
- Integral dual purpose mount allows top or side mounting

Electrical Specifications

Frequency Band, MHz	890–960
Gain, dBi	11.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	9.0
Beam Tilt, degrees	0
VSWR Return Loss, dB	1.5 14.0
PIM, 5th Order, 2 x 20 W, dBc	-153
Input Power per Port, maximum, watts	400
Polarization	Vertical
Impedance	50 ohm

General Specifications

Operating Frequency Band	890 – 960 MHz
Antenna Type	Omni
Band	Single band
Includes	V-bolts
Performance Note	Outdoor usage

Mechanical Specifications

RF Connector Quantity, total	1
RF Connector Quantity, low band	1
RF Connector Interface	N Female
Color	Horizon blue
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Radiator Material	Brass
Radome Material	Fiberglass, UV resistant
RF Connector Location	Bottom
Wind Loading, maximum	176.1 N @ 100 mph 39.6 lbf @ 100 mph
Wind Speed, maximum	201 km/h 125 mph

Dimensions

Length 2794.0 mm | 110.0 in

Outer Diameter 38.1 mm | 1.5 in

Net Weight, without mounting kit 5.2 kg | 11.5 lb

Regulatory Compliance/Certifications

Agency

RoHS 2011/65/EU

ISO 9001:2015

China RoHS SJ/T 11364-2014

Classification

Compliant by Exemption

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

Above Maximum Concentration Value (MCV)



* Footnotes

Performance Note

Severe environmental conditions may degrade optimum performance