



ASP705K

Andrew® Omni Antenna, 450–470 MHz, 360° horizontal beamwidth, fixed electrical tilt

- Invert mountable

Electrical Specifications

Frequency Band, MHz	450–470
Gain, dBi	12.1
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	7.0
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

Antenna Brand	Andrew®
Antenna Type	Omni
Band	Single band
Operating Frequency Band	450 – 470 MHz
Performance Note	Outdoor usage

Mechanical Specifications

Color	Off-white
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	364.8 N @ 100 mph 82.0 lbf @ 100 mph
Wind Speed, maximum	201 km/h 125 mph

Dimensions

Length	5588.0 mm 220.0 in
Outer Diameter	76.2 mm 3.0 in
Net Weight	10.0 kg 22.0 lb

Regulatory Compliance/Certifications

ASP705K

Agency

RoHS 2011/65/EU

China RoHS SJ/T 11364-2006

ISO 9001:2008

Classification

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

Included Products

ASPR616 — Pipe Mounting Kit for 1.25 - 3.5 in (35 - 89.0 mm) OD round members

*** Footnotes**

Performance Note

Severe environmental conditions may degrade optimum performance