ASP705K

1-port omni antenna, 450–470 MHz, 360° HPBW, fixed electrical tilt

- Invert mountable

General Specifications

Antenna Type	Omni
Band	Single band
Color	Off-white
Grounding Type	RF connector inner conductor and body grounded to reflector and mounting bracket
Performance Note	Outdoor usage
Radome Material	Fiberglass, UV resistant
Radiator Material	Brass
RF Connector Interface	N Female
RF Connector Location	Bottom
RF Connector Quantity, low band	1
RF Connector Quantity, total	1

Dimensions

Length	5588 mm | 220 in
Net Weight, without mounting kit	10 kg | 22.046 lb
Outer Diameter	76.2 mm | 3 in

Electrical Specifications

Impedance	50 ohm
Operating Frequency Band	450 – 470 MHz
Polarization	Vertical

Electrical Specifications

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

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Beamwidth, Vertical, degrees	7
Beam Tilt, degrees	0
VSWR | Return loss, dB	1.5 | 14.0
Input Power per Port, maximum, watts	500

Mechanical Specifications

Wind Loading @ Velocity, maximum	364.8 N @ 100 mph (82.0 lbf @ 100 mph)
Wind Speed, maximum	201 km/h (125 mph)

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	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

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ASPR616

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

- Mount allows the antenna to be mounted 18 inches to 7 feet from the tower

Product Classification

Product Type	Pipe mounting kit

General Specifications

Application	Outdoor
Color	Silver

Dimensions

Compatible Diameter, maximum	88.9 mm | 3.5 in
Compatible Diameter, minimum	33 mm | 1.299 in

Material Specifications

Material Type	Galvanized steel

Packaging and Weights

Included	Brackets | Hardware
Packaging quantity	2
Weight, gross	2.7 kg | 5.952 lb

Regulatory Compliance/Certifications

Agency	Classification
ISO 9001:2015	Designed, manufactured and/or distributed under this quality management system

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