

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

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|---|-------------------|
| 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 |

ASP705K

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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

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

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|-------------------------|---|
| Performance Note | Severe environmental conditions may degrade optimum performance |
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