



ASPA685

Andrew® Omni Antenna, 151–158 MHz, 360° horizontal beamwidth, fixed electrical tilt

- Extremely rugged, reliable design, light weight for low tower loading

Electrical Specifications

Frequency Band, MHz	151–158
Gain, dBi	7.4
Beamwidth, Horizontal, degrees	360
Beamwidth, Vertical, degrees	15.0
Beam Tilt, degrees	0
VSWR Return Loss, dB	1.5 14.0
Input Power per Port, maximum, watts	350
Polarization	Vertical
Impedance	50 ohm

General Specifications

Antenna Brand	Andrew®
Antenna Type	Omni
Band	Single band
Operating Frequency Band	151 – 158 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 Male
RF Connector Location	Bottom
RF Connector Quantity, total	1
Wind Loading, maximum	377.2 N @ 100 mph 84.8 lbf @ 100 mph
Wind Speed, maximum	232 km/h 144 mph

Dimensions

Length	6350.0 mm 250.0 in
Outer Diameter	89.0 mm 3.5 in
Net Weight	9.7 kg 21.4 lb

Regulatory Compliance/Certifications

ASPA685

Agency

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