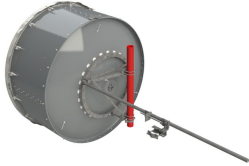


HX8-4-6GF



2.4m | 8ft ValuLine® High Performance, High XPD Antenna, dual-polarized, 4.400 – 5.000 GHz, grey, CPR187G flange

Product Classification

Product Type	Microwave antenna
Product Brand	ValuLine®

General Specifications

Antenna Type	HX - ValuLine® High Performance, High XPD Antenna, dual-polarized
Polarization	Dual
Antenna Input	CPR187G
Antenna Color	Gray
Reflector Construction	One-piece reflector
Radome Color	Gray
Radome Material	Fabric
Flash Included	Yes
Side Struts, Included	1
Side Struts, Optional	4

Dimensions

Diameter, nominal	2.4 m 8 ft
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Electrical Specifications

Operating Frequency Band	4.400 – 5.000 GHz
Gain, Low Band	38 dBi
Gain, Mid Band	38.8 dBi
Gain, Top Band	39.3 dBi
Boresite Cross Polarization Discrimination (XPD)	33 dB

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Front-to-Back Ratio	66 dB
Beamwidth, Horizontal	2 °
Beamwidth, Vertical	2 °
Return Loss	23 dB
VSWR	1.15
Radiation Pattern Envelope Reference (RPE)	7388
Electrical Compliance	ETSI 302 217 Class 3
Cross Polarization Discrimination (XPD) Electrical Compliance	ETSI EN 302217 XPD Category 2

Mechanical Specifications

Compatible Mounting Pipe Diameter	115 mm 4.5 in
Fine Azimuth Adjustment Range	±5°
Fine Elevation Adjustment Range	±5°
Wind Speed, operational	180 km/h 111.847 mph
Wind Speed, survival	200 km/h 124.274 mph

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Wind Forces at Wind Velocity Survival Rating Image



Packaging and Weights

Height, packed	2250 mm 88.583 in
Width, packed	1130 mm 44.488 in
Length, packed	2380 mm 93.701 in
Packaging Type	Standard pack
Volume	6.1 m ³ 215.42 ft ³
Weight, gross	318 kg 701.069 lb
Weight, net	187 kg 412.264 lb

Regulatory Compliance/Certifications

wind speed is applicable to antenna with the specified amount of radial ice.

Axial Force (FA)

Maximum forces exerted on a supporting structure as a result of wind from the most critical direction for this parameter. The individual maximums specified may not occur simultaneously. All forces are referenced to the mounting pipe.

Side Force (FS)

Maximum side force exerted on the mounting pipe as a result of wind from the most critical direction for this parameter. The individual maximums specified may not occur simultaneously. All forces are referenced to the mounting pipe.

Twisting Moment (MT)

Maximum forces exerted on a supporting structure as a result of wind from the most critical direction for this parameter. The individual maximums specified may not occur simultaneously. All forces are referenced to the mounting pipe.

Packaging Type

Andrew standard packing is suitable for export. Antennas are shipped as standard in totally recyclable cardboard or wire-bound crates (dependent on product). For your convenience, Andrew offers heavy duty export packing options.