

Product Specifications



DBXGKC-6565A-VTM

DualPol® Dual Band Antenna with Internal Crossband Coupler, 870–960 MHz and 1710–1880 MHz, 65° horizontal beamwidth, RET compatible variable electrical tilt



- Two DualPol® antennas under one radome
- Interleaved dipole technology—integrated crossband coupler
- Each antenna is independently capable of field adjustable electrical tilt
- Fully compatible with Andrew Teletilt® remote control system

CHARACTERISTICS

General Specifications

Antenna Type	DualPol® dual band with internal crossband coupler
Brand	DualPol® Teletilt®
Operating Frequency Band	1710 – 1880 MHz 870 – 960 MHz

Electrical Specifications

Frequency Band, MHz	870–960	1710–1880
Beamwidth, Horizontal, degrees	65	65
Gain, dBd	11.9	14.4
Gain, dBi	14.0	16.5
Beamwidth, Vertical, degrees	15.0	7.0
Beam Tilt, degrees	0–15	0–8
Upper Sidelobe Suppression (USLS), typical, dB	15	15
Front-to-Back Ratio at 180°, dB	25	25
Isolation, dB	30	30
VSWR Return Loss, db	1.5:1 14.0	1.5:1 14.0
Intermodulation Products, 3rd Order, 2 x 20 W, dBc	-150	-150
Input Power, maximum, watts	250	250
Polarization	±45°	±45°
Impedance, ohms	50	50
Lightning Protection	dc Ground	dc Ground

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Mechanical Specifications

Color	Light gray
Connector Interface	7-16 DIN Female
Connector Location	Bottom
Connector Quantity	2
Radome Material	PVC, UV resistant
Wind Loading, maximum	402.2 N @ 150 km/h 90.4 lbf @ 150 km/h
Wind Speed, maximum	201.0 km/h 124.9 mph

Dimensions

Depth	132.0 mm 5.2 in
Length	1294.0 mm 50.9 in
Width	267.0 mm 10.5 in
Net Weight	12.7 kg 28.0 lb

Remote Electrical Tilt (RET) Information

RET System	Teletilt®
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Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Above Maximum Concentration Value (MCV)
ISO 9001:2008	Designed, manufactured and/or distributed under this quality management system



INCLUDED PRODUCTS



600899A-2

Downtilt Mounting Kit for 2.4 - 4.5 in (60 - 115 mm) OD round members

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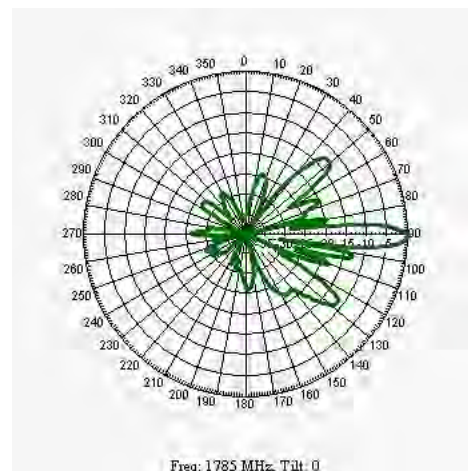
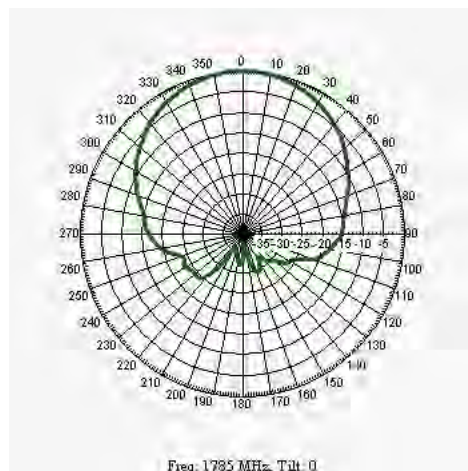
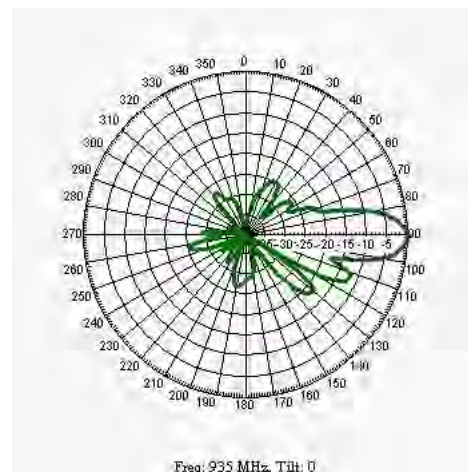
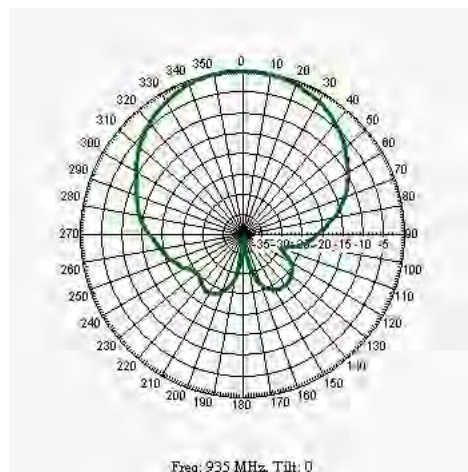
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Horizontal Pattern

Vertical Pattern



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