



DBXLH-6565B-T4M

DualPol® Dual Band Antenna, 824–960 MHz and 1710–2180 MHz, 65° horizontal beamwidth, fixed electrical tilt

- Interleaved dipole technology providing for attractive, low wind load mechanical package

OBSOLETE

This product was discontinued on: February 1, 2012

Replaced By:

DBXLH-6565B-VTM DualPol® Dual Band Teletilt® Antenna, 824–960 and 1710–2180 MHz, 65° horizontal beamwidth, RET compatible

Electrical Specifications

Frequency Band, MHz	824–896	870–960	1710–1880	1850–1990	1920–2180
Gain, dBi	16.0	16.3	18.0	18.1	17.8
Beamwidth, Horizontal, degrees	68	65	67	65	63
Beamwidth, Vertical, degrees	11.0	10.5	5.0	4.8	4.5
Beam Tilt, degrees	4	4	4	4	4
USLS, typical, dB	16	16	15	15	15
Front-to-Back Ratio at 180°, dB	26	30	32	32	28
Isolation, dB	30	30	30	30	30
VSWR Return Loss, dB	1.4:1 15.6	1.5:1 14.0	1.5:1 14.0	1.4:1 15.6	1.5:1 14.0
PIM, 3rd Order, 2 x 20 W, dBc	-150	-150	-150	-150	-150
Input Power per Port, maximum, watts	350	350	350	350	350
Polarization	±45°	±45°	±45°	±45°	±45°
Impedance	50 ohm	50 ohm	50 ohm	50 ohm	50 ohm
Lightning Protection	dc Ground	dc Ground	dc Ground	dc Ground	dc Ground

Mechanical Specifications

Color Radome Material	Light gray PVC, UV resistant
Connector Interface Location Quantity	7-16 DIN Female Bottom 4
Wind Loading, maximum	659.3 N @ 150 km/h 148.2 lbf @ 150 km/h
Wind Speed, maximum	201.0 km/h 124.9 mph

Dimensions

Depth	132.0 mm 5.2 in
Length	1934.00 mm 76.14 in
Width	269.00 mm 10.59 in
Net Weight	21.80 kg 48.06 lb

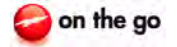
Regulatory Compliance/Certifications

Agency	Classification
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Product Specifications

COMMScope®

DBXLH-6565B-T4M



RoHS 2002/95/EC

China RoHS SJ/T 11364-2006

ISO 9001:2008

Compliant by Exemption

Above Maximum Concentration Value (MCV)

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