

Product Specifications



W2X-6516DS-VTM

DualPol® Antenna, 2300–2700 MHz, 65° horizontal beamwidth, RET compatible variable electrical tilt



- Patented cross dipole and feed system
- Rugged, reliable design with excellent passive intermodulation suppression
- Field adjustable electrical tilt
- Fully compatible with Andrew remote electrical tilt system
- Rugged, reliable design, light weight for low tower loading

CHARACTERISTICS

General Specifications

Antenna Type	DualPol®
Brand	DualPol® Teletilt®
Operating Frequency Band	2300 – 2700 MHz

Electrical Specifications

Frequency Band, MHz	2300–2700
Beamwidth, Horizontal, degrees	65
Gain, dBd	15.9
Gain, dBi	18.0
Beamwidth, Vertical, degrees	6.0
Beam Tilt, degrees	0–10
Upper Sidelobe Suppression (USLS), typical, dB	18
Front-to-Back Ratio at 180°, dB	40
Isolation, dB	30
VSWR	1.4:1
3rd Order IMD at 2 x 20 W, dBc	-150
Input Power, maximum, watts	250
Polarization	±45°
Impedance	50
Lightning Protection	dc Ground

Product Specifications



Mechanical Specifications

Color	Off white
Connector Interface	7-16 DIN Female
Connector Location	Bottom
Connector Quantity	2
Wind Area, maximum	0.1 m ² 1.1 ft ²
Wind Loading, maximum	271.3 N @ 100 mph 61.0 lbf @ 100 mph
Wind Speed, maximum	241.4 km/h 150.0 mph

Dimensions

Depth	83.8 mm 3.3 in
Length	1214.1 mm 47.8 in
Width	165.1 mm 6.5 in
Net Weight	4.2 kg 9.2 lb

Remote Electrical Tilt (RET) Information

Model with Factory Installed Actuator	W2X-6516DS-R2M
RET System	Teletilt®

Regulatory Compliance/Certifications

Agency	Classification
RoHS 2002/95/EC	Compliant by Exemption
China RoHS SJ/T 11364-2006	Logo 2



Included Products

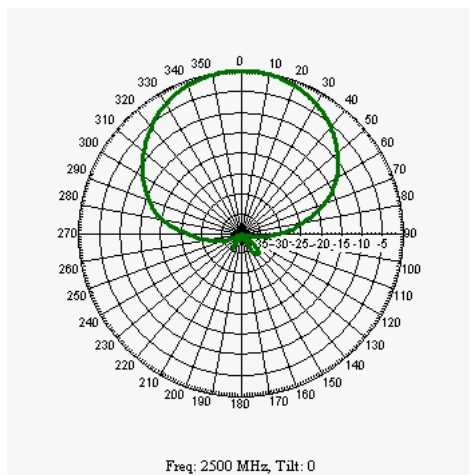
602030WM

Downtilt Mounting Kit for 4.5 in (114.3 mm) OD round members

Product Specifications



Horizontal Pattern



Vertical Pattern

