

6175108

2-Band | 4-Port | XPOL | Panel Antenna | Variable Tilt | 980 mm

- Twin band antenna, dual polarisation, 4 connectors
- Independent tilt on each band 0-10° / 0-10°
- MET or RET versions
- 2 Integrated RET Units (field replaceable)

ORDERING OPTIONS		MODEL NUMBER
Manual Electrical Tilt Antenna		6175108
Remote Electrical Tilt Antenna		6175108G
ACCESS PORT DESCRIPTION (CONNECTORS)		
This antenna has 4 colour-coded connectors located at the bottom face.		
Frequency Designation	Y1	Y2
Frequency Range	1710-2690 MHz	1710-2690 MHz
Polarisation	Xpol	Xpol
Horizontal Beamwidth	65°	65°
Electrical Downtilt Range	0-10°	0-10°
Connector Type	(2x) 7/16-DIN Female	(2x) 7/16-DIN Female

ELECTRICAL CHARACTERISTICS	Y1
Frequency Bands	1710-2690 MHz
Gain	16.0 dBi
Input Impedance	50Ω
VSWR	< 1.45
Polarisation	±45°
Horizontal Beamwidth (-3 dB)	65
Vertical Beamwidth (-3 dB)	10°
Electrical Downtilt Range	0-10°
Isolation	> 28 dB
Upper Sidelobe Suppression	15 dB
Front-to-Back Ratio	> 28
Maximum Power (Per Port)	300 W
Intermodulation 3rd Order for (2 x 43dBm)	< -107 dBm



Several patents pending regarding this product. Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.

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ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature Range	-40° C to +70° C
Lightning Protection	Direct Ground

MECHANICAL CHARACTERISTICS	
Dimensions	Height: 980 mm Width: 280 mm Depth: 160 mm
Weight	11 kg (excluding mounting accessory)
Shroud Material	Fiberglass
Reflector Material	Aluminum Alloy
Radiating Element Material	Cu Ag
Wind Speed	216 km/hr

MOUNTING KIT OPTIONS	POLE DIAMETER	WEIGHT	MECHANICAL TILT
Mounting & Downtilt Brackets for pole (included)	Ø50 to Ø110 mm	5.5 kg	0-10°