6886208

4-Band | 8-Port | XPOL | Panel Antenna | Variable Tilt | 1150 mm

- Quad band antenna, dual polarisation, 8 connectors
- Independent, continuously adjustable tilt on each band 0-15° / 0-15° / 0-15°
- MET or RET versions available
- 4 Integrated RET Units (field replaceable)

ORDERING OPTIONS	MODEL NUMBER
Manual Electrical Tilt	6886208
Remote Electrical Tilt	6886208G

ACCESS PORT DESCRIPTION (CONNECTORS)				
The antenna has 8 colour-coded connectors located at the bottom face.				
Frequency Designation	R1	Y1	Y2	Y3
Frequency Range	790-960 MHz	1710-2690 MHz	1710-2690 MHz	1710-2690 MHz
Polarisation	Xpol	Xpol	Xpol	Xpol
Horizontal Beamwidth	65°	65°	65°	65°
Electrical Downtilt Range	0-15°	0-15°	0-15°	0-15°
Connector Type	(2x) 7/16-DIN Female	(2x) 7/16-DIN Female	(2x) 7/16-DIN Female	(2x) 7/16-DIN Female

ELECTRICAL CHARACTERISTICS	R1
Frequency Bands	790-960 MHz
Gain	12.5 dBi
Input Impedance	50Ω
VSWR	< 1.5
Polarisation	±45°
Horizontal Beamwidth (-3 dB)	65°
Vertical Beamwidth (-3 dB)	22°
Electrical Downtilt Range	0-15°
Isolation	> 28 dB
First Upper Sidelobe Suppression	18 dB
Front-to-Back Ratio	> 25 dB
Maximum Power	300 W
Intermodulation	< -150 dBc

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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ELECTRICAL CHARACTERISTICS	Y1
Frequency Bands	1710-2690 MHz
Gain	16.0 dBi
Input Impedance	50Ω
VSWR	< 1.5
Polarisation	±45°
Horizontal Beamwidth (-3 dB)	65°
Vertical Beamwidth (-3 dB)	10°
Electrical Downtilt Range	0-15°
Isolation	> 28 dB
First Upper Sidelobe Suppression	18 dB
Front-to-Back Ratio	> 25 dB
Maximum Power	250 W
Intermodulation	< -150 dBc

ELECTRICAL CHARACTERISTICS	Y2
Frequency Bands	1710-2690 MHz
Gain	16.0 dBi
Input Impedance	50Ω
VSWR	< 1.5
Polarisation	±45°
Horizontal Beamwidth (-3 dB)	65°
Vertical Beamwidth (-3 dB)	10°
Electrical Downtilt Range	0-15°
Isolation	> 28 dB
First Upper Sidelobe Suppression	18 dB
Front-to-Back Ratio	> 25 dB
Maximum Power	250 W
Intermodulation	< -150 dBc

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ELECTRICAL CHARACTERISTICS	Y3
Frequency Bands	1710-2690 MHz
Gain	16.0 dBi
Input Impedance	50Ω
VSWR	< 1.5
Polarisation	±45°
Horizontal Beamwidth (-3 dB)	65°
Vertical Beamwidth (-3 dB)	10°
Electrical Downtilt Range	0-15°
Isolation	> 28 dB
First Upper Sidelobe Suppression	18 dB
Front-to-Back Ratio	> 25 dB
Maximum Power	250 W
Intermodulation	< -150 dBc

ENVIRONMENTAL CHARACTERISTICS	
Operating Temperature Range	-40° C to +70° C
Lightning Protection	Direct Ground
MECHANICAL CHARACTERISTICS	
Dimensions	Height: 1150 mm Width: 408 mm Depth: 182 mm
Weight	19 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°

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