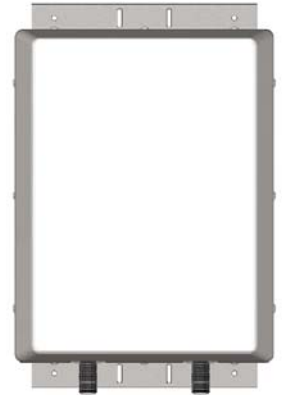


7824100 • 7824300

Dual Band | Microcell Panel | XX-Pol | 75° / 70° | 7.0 / 9.0 dBi

- Long body N-Type connectors to enable weather proofing
- Optional mounting systems available for wall or pole
- 7824300 model includes an over-shroud for safety compliance



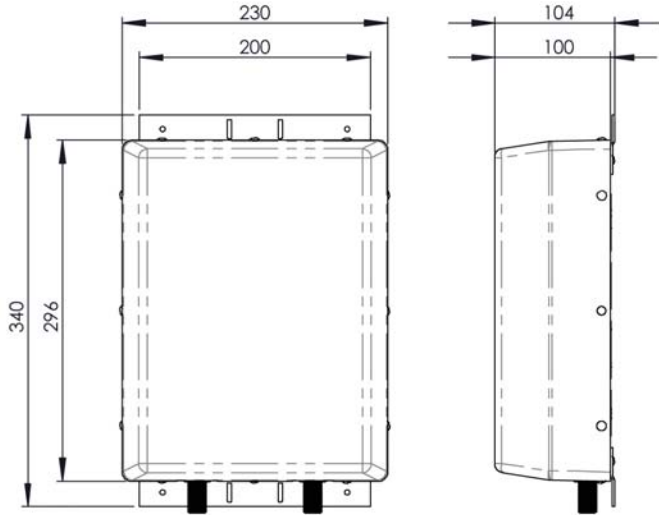
Ordering Options	Model Number	
Standard antenna	7824100	
Antenna with over-shroud for safety compliance	7824300	
Electrical Characteristics		
Frequency Band	870-960 MHz	1710-2170 MHz
Polarisation	±45°	
Horizontal Beamwidth	75°	70°
Vertical Beamwidth	60°	25°
Gain	4.9 dBd (7.0 dBi)	6.9 dBd (9.0 dBi)
Impedance	50Ω	
VSWR	< 1.4:1 Max	
Inter-Port Isolation (Tx Bands)	≥ 25 dB	
Front-to-Back Ratio	> 18 dB	
Input Power	100 W (per port)	
Connector(s)	Two (2) N-Type Female on Bottom of Antenna	
Mechanical Characteristics		
Radome Colour	White	
Dimensions (Length x Width x Depth)	296 x 230 x 95 mm	11.7 x 9.1 x 3.7 in
Weight	0.75 kg	1.7 lbs
Wind Load (160 km/hr or 100 mph)	75 N	16.9 lbf
Mounting Options		
Mounting Interface	Plate top and bottom / Slits for jubilee clamp Comes complete with wall fixings	
Over-Shroud for Safety Compliance	XSL9254929 (Included with 7824300 model)	

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal 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 product may be made without notice.

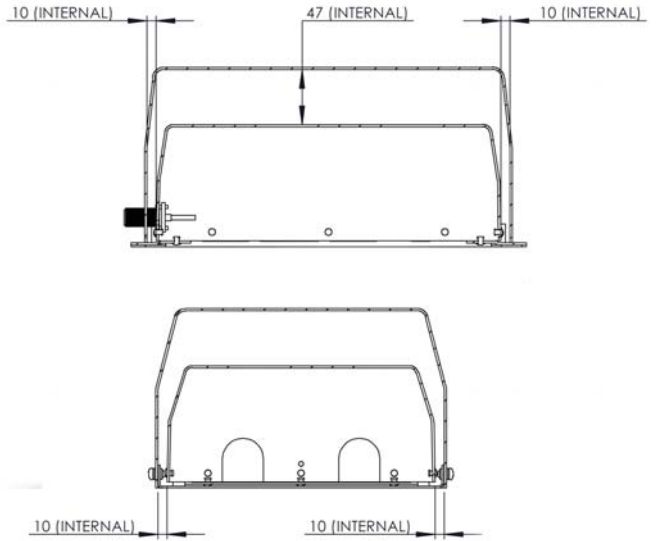
7824100 • 7824300

Dual Band | Microcell Panel | XX-Pol | 75° / 70° | 7.0 / 9.0 dBi

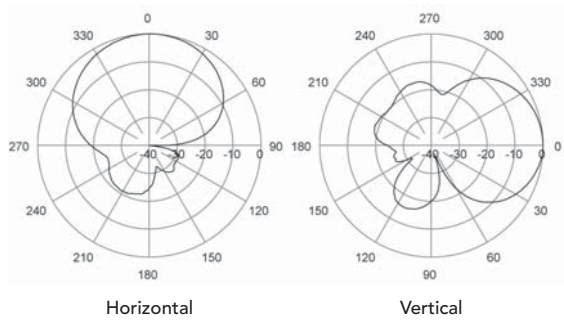
Dimensions (mm)



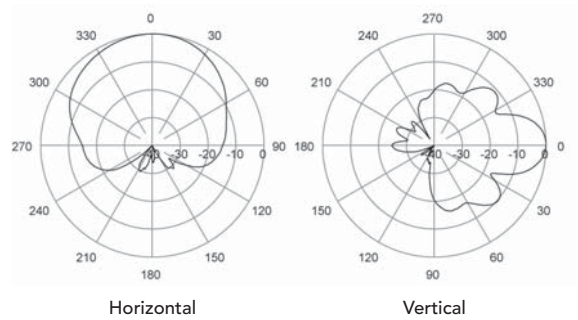
Gap Measurement Between Antenna and Shroud (mm)



870-960 MHz



1710-2170 MHz



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