

Wideband omni, 698-2700MHz

DESCRIPTION

- A small, wideband omni for 2G/3G/4G cellular terminal applications, offering an ideal solution for cellular access, M2M or wireless metering applications.
- Former Jaybeam brand product.



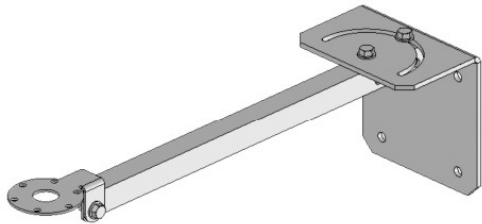
SPECIFICATIONS

Electrical		
Model	7825700	
Frequency	698 - 960 MHz	1710 - 2700 MHz
Max. Input Power	50 W	
Polarisation	Vertical	
3 dB Beamwidth, E-Plane	50 °	
3 dB Beamwidth, H-Plane	Omnidirectional	
Impedance	50 Ω	
Gain	0.4dBd / 2.5dBi	
VSWR	< 2.5:1 (698-960 MHz) <2.0:1 (1710-2170 MHz) <2.5:1 (2170-2700 MHz)	
In iBwave	Yes	
Mechanical		
Connection(s)	N(f)	
Radome Material / Colour	White	
Dimensions	195 x 28 mm / 7.7 x 1.1 in.	
Wind Load	4 N (160 km/h)	
Weight	Approx. 0.11 kg / 0.24 lb.	
Mounting	4 x 3.4mm (0.135 in) ø holes equally spaced on a 41mm (1.614 in) ø bolt circle	
Mounting Accessories	XSL9254316 Wall mounting kit XSL9254317 Wall or pole mounting kit	

ORDERING

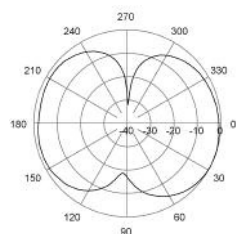
Model	Product No.	Frequency
Wideband omni, 870-2700MHz	7825700	698 - 2700 MHz

MOUNTING & DIAGRAMS



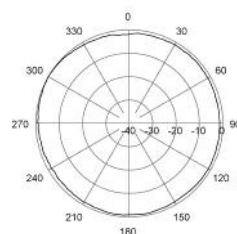
XSL9254316 Wall mounting kit

RADIATION PATTERNS



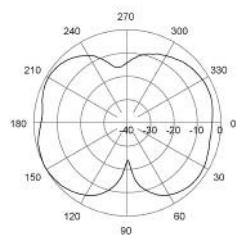
E-Plane | 750 MHz

RADIATION PATTERNS



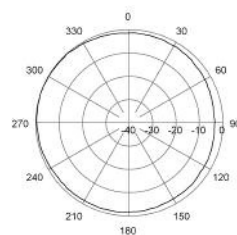
H-Plane | 750 MHz

RADIATION PATTERNS



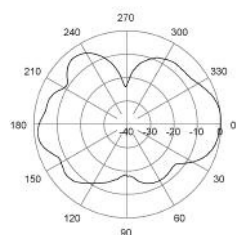
E-Plane | 900 MHz

RADIATION PATTERNS



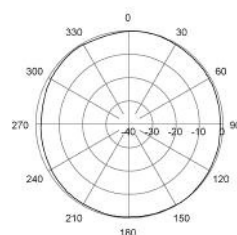
H-Plane | 900 MHz

RADIATION PATTERNS



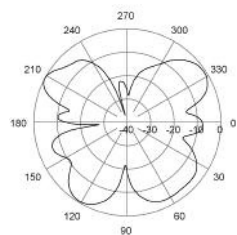
E-Plane | 1800 MHz

RADIATION PATTERNS



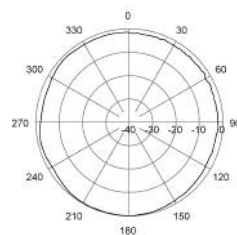
H-Plane | 1800 MHz

RADIATION PATTERNS



E-Plane | 2550 MHz

RADIATION PATTERNS



H-Plane | 2550 MHz