

XPOL Microcell panel 690-2700MHz

DESCRIPTION

A tri-band microcell panel for 2G/3G/4G cellular bands, offering dual slant polarisation.
Can be wall mounted indoors or outdoors.
• Former Jaybeam brand product.



ORDERING

Model	Product No.	Description	Frequency
XPOL Microcell panel 690-2700MHz	7824400		690 - 2700 MHz
XPOL Microcell panel 690-2700MHz	7824500	Supplied with overshroud kit	690 - 2700 MHz

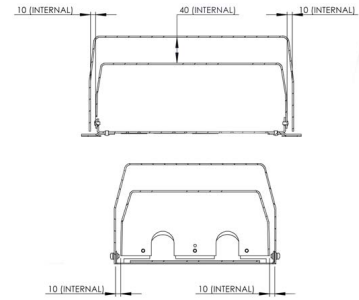
SPECIFICATIONS

Electrical		
Frequency	690 - 960 MHz	1710 - 2700 MHz
Max. Input Power	100 W	
Polarisation	±45°	
3 dB Beamwidth, E-Plane	75 °	23.5 °
3 dB Beamwidth, H-Plane	80 °	70 °
Impedance	50 Ω	
Gain	4.8dBd / 7dBi	9.3dBd / 11.5dBi
Port-Port Isolation	20 dB	25 dB
VSWR	< 2.0:1	
Front-To-Back Ratio	> 18 dB	
Passive Intermodulation	-153dBc (3rd Order, 2 x Tx @ 37dBm)	
In iBwave	Yes	

Mechanical	
Connection(s)	2 x N(f)
Radome Material / Colour	White
Dimensions	296 x 230 x 112 mm
Wind Load	75 N (160km/h)
Weight	1.6 kg / 3.53 lb
Mounting	Integrated wall mounting bracket
Mounting Accessories	XSL9254929 Overshroud (Included with 7824500 model) Grey (RAL7035)

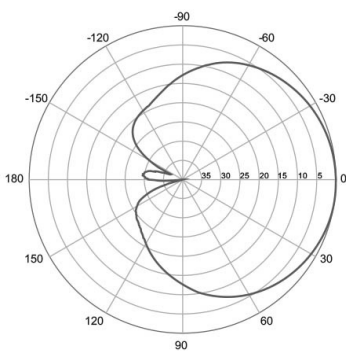
DIAGRAM

MOUNTING & DIAGRAMS



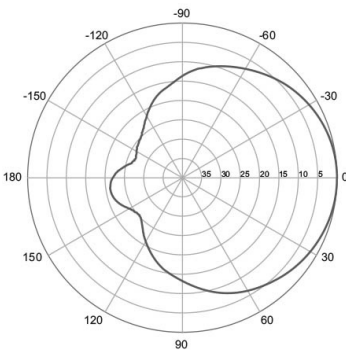
Overshroud Dimensions XSL9254929

RADIATION PATTERNS



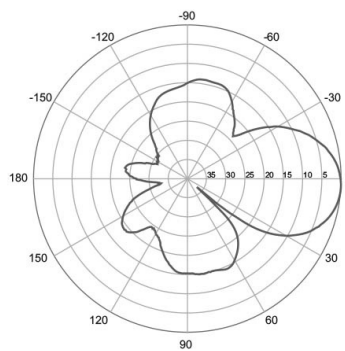
E-Plane | 750 MHz

RADIATION PATTERNS



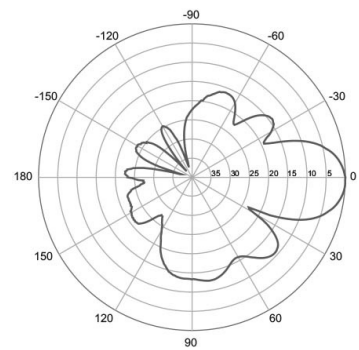
E-Plane | 850 MHz

RADIATION PATTERNS



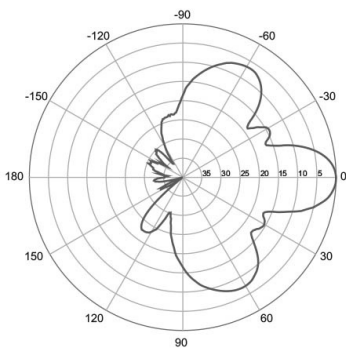
E-Plane | 1710 MHz

RADIATION PATTERNS



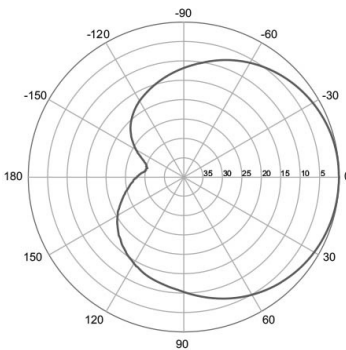
E-Plane | 2170 MHz

RADIATION PATTERNS



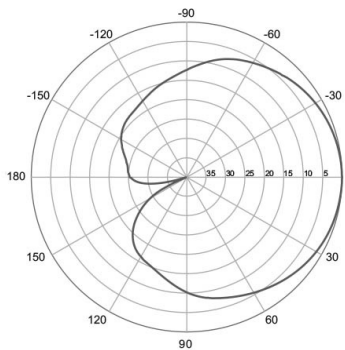
E-Plane | 2690 MHz

RADIATION PATTERNS



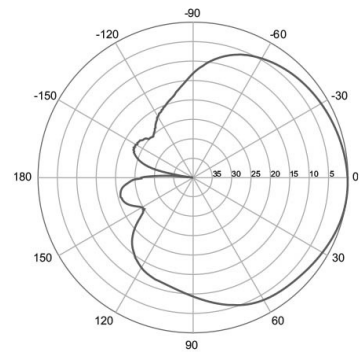
H-Plane | 750 MHz

RADIATION PATTERNS



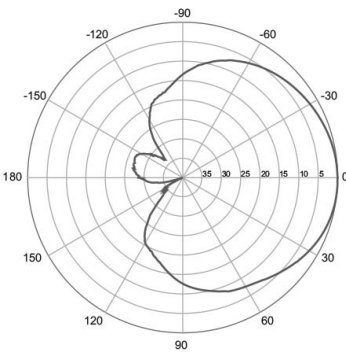
H-Plane | 850 MHz

RADIATION PATTERNS



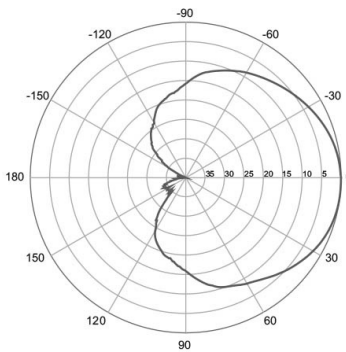
H-Plane | 1710 MHz

RADIATION PATTERNS



H-Plane | 2170 MHz

RADIATION PATTERNS



H-Plane | 2690 MHz

