XPOL Microcell panel 698 - 2700 MHz



DESCRIPTION

- A tri-band microcell panel for 2G/3G/4G cellular bands, offering dual slant polarisation.
- Wideband directional antenna operating 698-2700 MHz
- Compact, lightweight and easy to install
- Passive Intermodulation -153 dBc @ 2x20W
- Low return loss and high gain with stable performance
- Former Jaybeam brand product.

SPECIFICATIONS

Electrical		
Frequency	698 - 960 MHz	1710 - 2700 MHz
Max. Input Power	100 W	
Polarisation	±45°	
3 dB Beamwidth, E-Plane	69 °	53 °
3 dB Beamwidth, H-Plane	78 °	77 °
Impedance	50 Ω	
Gain	5.2dBd / 7.4dBi	5.9dBd / 8.1dBi
Port-Port Isolation	20 dB	23 dB
VSWR	< 2.0:1	< 1.5:1
Front-To-Back Ratio	> 13 dB	> 22 dB
Passive Intermodulation	-153dBc (3rd Order, 2 x Tx @ 43dBm)	
In iBwave	Yes	

Mechanical	
Packed Dimensions	360 x 210 x 90 mm (14.2 x 8.3 x 3.5 in)
Connection(s)	2 x 4.3-10 Female or N-Type Female
Radome Material / Colour	ABS White
Dimensions	305 x 186 x 63 mm (12 x 7.3 x 2.5 in)
Weight	0.7 kg / 1.5 lb
Mounting Accessories	Fasteners and screws included for wall mounting

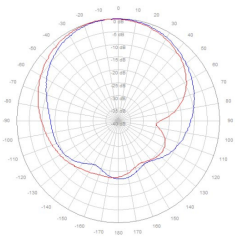
Environmental	
Ingress Protection	IP55

ORDERING

Model	Product No.	Description	Frequency
XPOL Microcell panel 698-2700MHz	7834400	N Female	698 - 2700 MHz
XPOL Microcell panel 698-2700MHz	7834400-4310	4.3/10 Female	698 - 2700 MHz

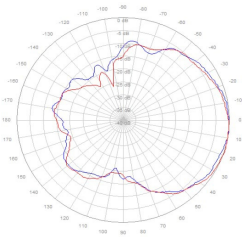
DIAGRAM

RADIATION PATTERNS



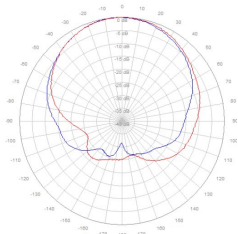
H-Plane | 790 MHz

RADIATION PATTERNS



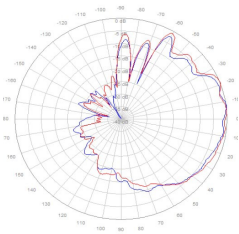
E-Plane | 790 MHz

RADIATION PATTERNS



H-Plane | 2200 MHz

RADIATION PATTERNS



E-Plane | 2200 MHz

PROCOM A/S reserves the right to
amend specifications without prior notice