Wideband microcell antenna 690 - 2700 MHz

DESCRIPTION

- A wideband, “Shark Fin” style panel antenna designed for outdoor or indoor use with construction materials same as or similar to a base station antenna.
- Antenna may be hidden within building architecture due to its small size.
- The gain is limited for near use with wide beam coverage.
- Mounting to walls or ceilings is considered normal. Pole mounting will require additional equipment.
- Antenna is supplied with 0.5m coaxial cable with N Type termination and should be mounted with the connector/down lead pointing to the ground.
- Former Jaybeam brand product.



SPECIFICATIONS

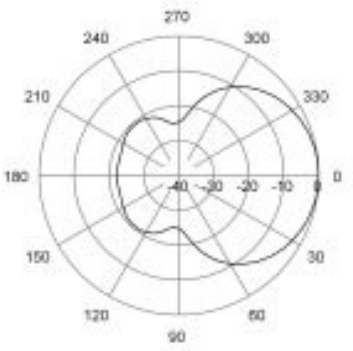
Electrical	
Model	5029000
Frequency	690 - 2700 MHz
Max. Input Power	50 W
Polarisation	Vertical
3 dB Beamwidth, E-Plane	70 °
3 dB Beamwidth, H-Plane	115 °
Impedance	50 Ω
Gain	2.9 dBd / 5.1dBi
VSWR	< 1.5:1 typical, < 2.0:1 max
Passive Intermodulation	-150 dBc
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)
In iBwave	Yes

Mechanical	
Connection(s)	N(f) on 500 mm RG303 cable, white jacket
Materials	Aluminium base + white ABS shroud
Dimensions	282 x 85 x182 mm / 11.1 x 3.3 x 7.2 in.
Wind Load	70 N (160 km/h)
Weight	Approx. 0.5 kg / 1.10 lb.
Mounting	Integrated wall mounting bracket

ORDERING

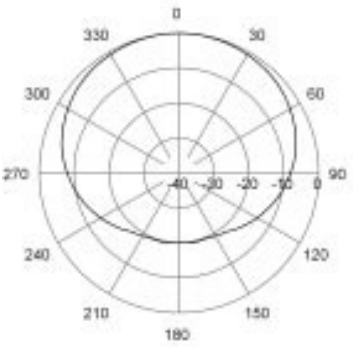
Model	Product No.	Frequency
Wideband microcell antenna	5029000	690 - 2700 MHz

RADIATION PATTERN



E-Plane | 1500 MHz

RADIATION PATTERN



H-Plane | 1500 MHz

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