8 element Yagi 880-960 MHz

DESCRIPTION

An 8-element GSM Yagi antenna for fixed link and M2M applications. Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
• Former Jaybeam brand product.

SPECIFICATIONS

Electrical	
Frequency	880 - 960 MHz
Max. Input Power	150 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	45 °
3 dB Beamwidth, H-Plane	56 °
Impedance	50 Ω
Gain	15.4 dBi bottom of band; 16.7 dBi mid & top band
VSWR	< 1.3:1
Front-To-Back Ratio	> 20 dB
In iBwave	Yes

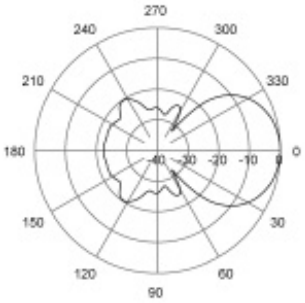
Mechanical	
Radiating Element(s)	PCB skeleton slot and reflector mounted on aluminum cast rear disk
Elements	3/8” aluminum rods grade 6082 T6, BS 1474
Connection(s)	N(f)
Boom Material	1” x 10swg aluminum tube grade 6082-T6
Radome Material / Colour	ABS White
Length	990 mm / 38.98 in.
Wind Load	110 N (160km/h)
Weight	3.6 kg / 7.94 lb
Mounting Bracket	3202078/68 + 0900174/00 (Ordered Separately)

ORDERING

Model	Product No.	Frequency
8 element Yagi 880-960 MHz	7190900	880 - 960 MHz
Fixed norstel / coupler clamp (cross clamp)	3202078/68	
Increasing sleeve 1"-1-29/32"	0900174/00	

DIAGRAM

RADIATION PATTERNS



E-Plane | 920 MHz

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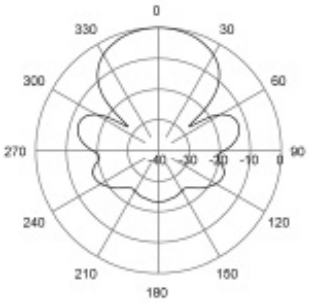

H-Plane | 920 MHz

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