

8 element Yagi 790-960 MHz

DESCRIPTION

An 8-element UHF Yagi antenna for Cellular communications applications utilizing Jaybeam's "Parabeam" slot radiator feed design to achieve higher directivity than comparable models. Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.

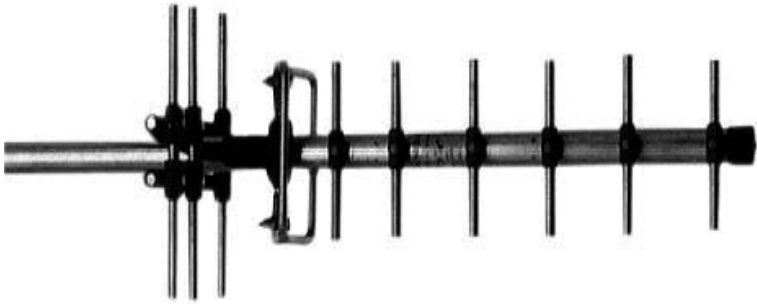
- Former Jaybeam brand product.

SPECIFICATIONS

Electrical	
Frequency	790 - 960 MHz
Max. Input Power	150 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	48 °
3 dB Beamwidth, H-Plane	52 °
Impedance	50 Ω
Gain	10 dBd (12.2 dBi)
VSWR	< 1.5:1
Front-To-Back Ratio	> 20 dB
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)
In iBwave	Yes
Mechanical	
Connection(s)	N(f) on 1m RG213/U cable
Materials	Boom, 25 mm dia., aluminium Elements, 10 mm dia., aluminium balun, 'Parabeam' slot radiator
Length	990 mm / 38.98 in.
Wind Load	55 N (160km/h)
Weight	1.7 kg / 3.75 lb
Mounting Bracket	3202078/68 + 0900174/00 (Ordered Separately)
Alternate Mounting Bracket	(Ordered Separately)

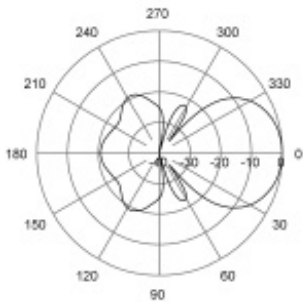
ORDERING

Model	Product No.	Frequency
8 element Yagi 790-960 MHz	7175890	790 - 960 MHz
Fixed norstel / coupler clamp (cross clamp)	3202078/68	
Increasing sleeve 1"-1-29/32"	0900174/00	



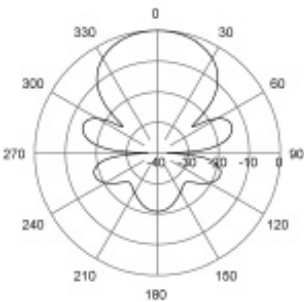
DIAGRAM

RADIATION PATTERNS



E-Plane | 875 MHz

RADIATION PATTERNS



H-Plane | 875 MHz

