



7019405

18 element Yagi 380 - 412 MHz



DESCRIPTION

- An 18-element UHF Yagi antenna with High F/B ratio for PMR/Trunked Radio and Broadcast applications.
- Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
- Former Jaybeam brand product.

SPECIFICATION

Electrical	
Model	7019405
Frequency	380 – 412 MHz
Max. Input Power	150 W
3 dB Beamwidth, H-Plane	28 °
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	27 °
Impedance	50 Ω
Gain	14 dBd (16.2 dBi)
VSWR	< 1.5:1
Front-To-Back Ratio	> 25 dB
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)
Mechanical	
Connection(s)	N(f) on 3m RG213/U cable
Materials	Boom, 32 mm dia. aluminium elements, 12.7 mm dia. aluminium balun, Fully moulded enclosure
Length	Approx. 4680 mm / 184.25 in.
Historic Brand	Jaybeam
Wind Load	310 N (160 km/h)

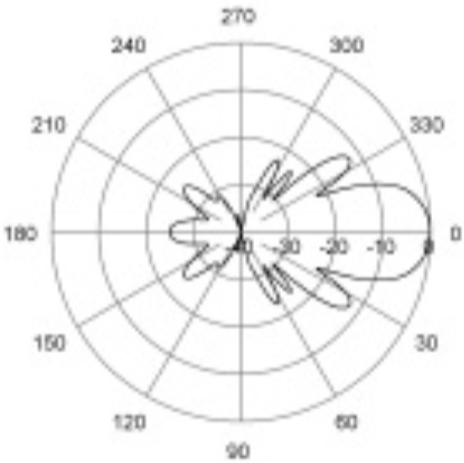
Weight	Approx. 10 kg / 22.05 lb.
Mounting Bracket	3202078/68 + 3201079/00 (Ordered Separately)
Alternate Mounting Bracket	0900912/00, 0302032/68, or 0300064/00 + U-Bolts to match mounting pipe diameter (Ordered Separately)
Mounting Accessories	0900018/00 Trombone 2-point mount

ORDERING CODES

Model	Product No.
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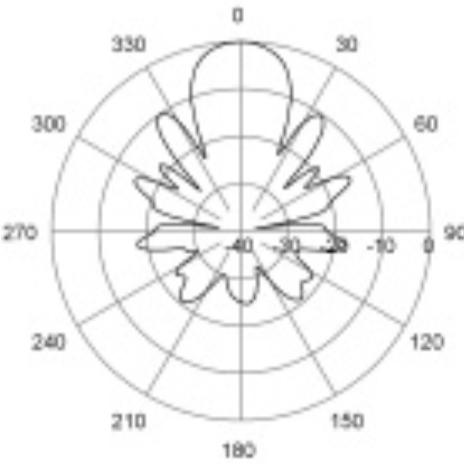
DIAGRAMS

RADIATION PATTERNS



E-Plane | 396 MHz

RADIATION PATTERNS



H-Plane | 396 MHz