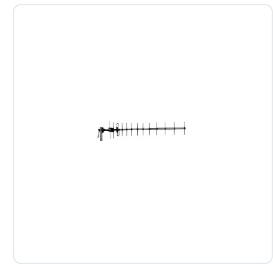




7014400

12 element Yagi 400-430 MHz



DESCRIPTION

- A 12-element UHF Yagi antenna for PMR/Trunked Radio and Telemetry.
- Produced to the highest quality standards these robust antenna designs will ensure reliable operation in harsh environmental conditions.
- Former Jaybeam brand product.

SPECIFICATION

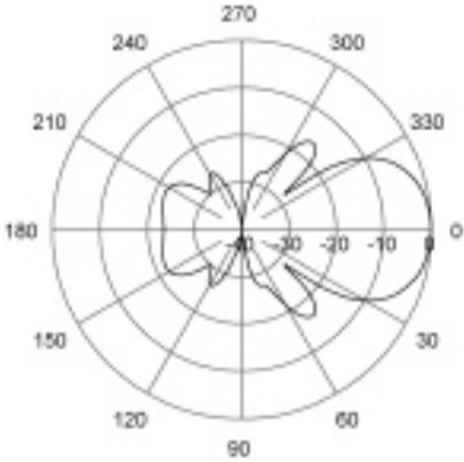
Electrical	
Model	7014400
Frequency	400 – 430 MHz
Max. Input Power	150 W
3 dB Beamwidth, H-Plane	36 °
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	33 °
Impedance	50 Ω
Gain	12 dBd (14.2 dBi)
VSWR	< 1.5:1
Front-To-Back Ratio	> 20 dB
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)
Environmental	
Survival Wind Speed	162 km/h
Ingress Protection	IP68
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. 2320 mm / 91.34 in.
Historic Brand	Jaybeam
Wind Load	160 N (160 km/h)
Weight	Approx. 5.5 kg / 12.13 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.
12 element Yagi 400-430 MHz	7014400

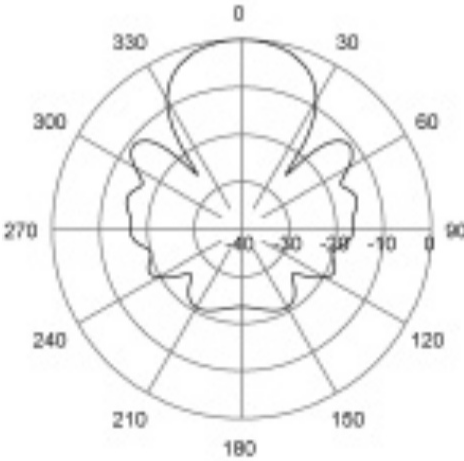
DIAGRAMS

RADIATION PATTERNS



E-Plane | 415 MHz

RADIATION PATTERNS



H-Plane | 415 MHz

