

Shrouded Yagi 2500-2700 MHz

DESCRIPTION

A Shrouded Yagi antenna for Links in the 2.3-2.5 GHz band. All elements are enclosed in a weather resistant, glassfibre shroud to provide consistent, reliable performance in all weather conditions.

- Former Jaybeam brand product.

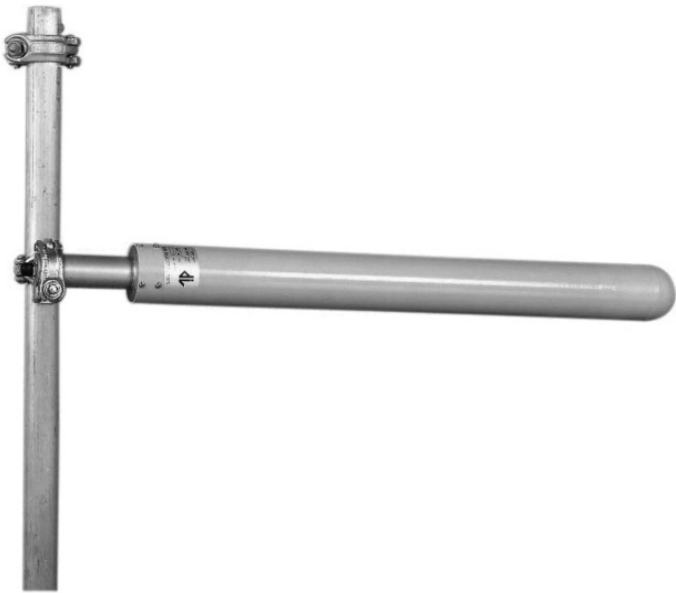
SPECIFICATIONS

Electrical	
Frequency	2500 - 2700 MHz
Max. Input Power	150 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	24 - 30 °
3 dB Beamwidth, H-Plane	23 - 27 °
Impedance	50 Ω
Gain	14.9 dBd (17 dBi)
VSWR	< 1.3:1 (100 MHz centre), < 1.5:1 (200 MHz centre)
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

Mechanical	
Connection(s)	N(f)
Materials	Shroud, GRP Radiating assembly, Brass Mounting section 50 mm diameter, Aluminium
Length	1000 mm / 39.37 in.
Wind Load	91 N (160km/h)
Weight	1.7 kg / 3.75 lb
Mounting Bracket	3202078/68 (Ordered Separately)
Alternate Mounting Bracket	0300064/00 + U-bolts to match mounting pipe diameter (Ordered Separately)

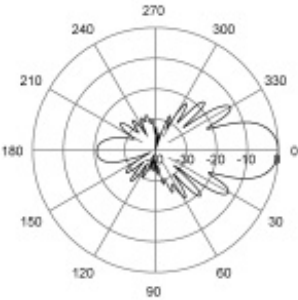
ORDERING

Model	Product No.	Frequency
Shrouded Yagi 2500-2700 MHz	7360016	2500 - 2700 MHz
Cast aluminium cross clamp, circular	0300064/00	
M8 x 50mm (2") U-Bolts (1 Pair)	4884036/00	
M8 x 75mm (3") U-Bolts (1 Pair)	4884076/00	
Fixed norstel / coupler clamp (cross clamp)	3202078/68	



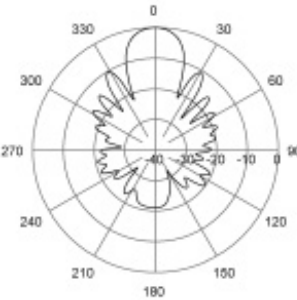
DIAGRAM

RADIATION PATTERNS



E-Plane | 2600 MHz

RADIATION PATTERNS



H-Plane | 2600 MHz