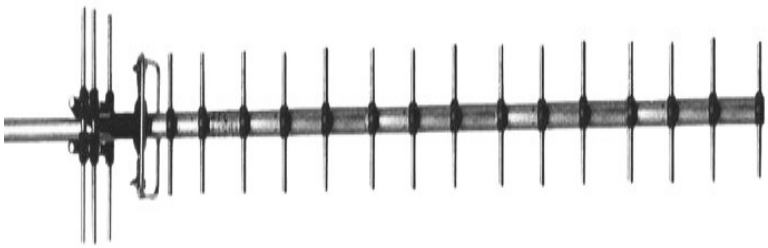
18 element par.Yagi 471-581MHz



DESCRIPTION

An 18-Element Yagi antenna of well proven design, available for UHF TV bands. Jaybeam's famous 'Parabeam' slot radiator is used giving a performance advantage over similar sized antennas. Its light but strong construction makes it easily deployable.
• Former Jaybeam brand product.

SPECIFICATIONS

Electrical	
Frequency	471-581 MHz (Channels 21-34)
Max. Input Power	150 W
Polarisation	Linear (Vertical or Horizontal)
3 dB Beamwidth, E-Plane	23 °
3 dB Beamwidth, H-Plane	25 °
Impedance	50 Ω
Gain	14.4 dBd (16.5 dBi)
VSWR	< 2.0:1
Front-To-Back Ratio	20 dB typical
Antistatic Protection	All metal parts DC-grounded (Connector shows a DC-short)

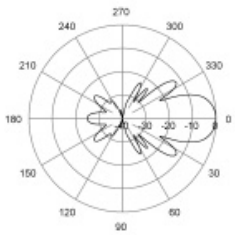
Mechanical	
Connection(s)	N(f) on 3m RG213/U cable
Materials	Boom, 25 mm dia., aluminium Elements, 10 mm dia., aluminium balun, 'Parabeam' slot radiator
Length	2380 mm / 93.70 in.
Wind Load	196 N (160km/h)
Weight	4.5 kg / 9.92 lb
Mounting Bracket	0900174/00 + 3202078/68 (Ordered Separately)

ORDERING

Model	Product No.	Frequency
18 element par.Yagi 471-581MHz	7356561	471 - 581 MHz
Increasing sleeve 1"-1-29/32"	0900174/00	
Fixed norstel / coupler clamp (cross clamp)	3202078/68	

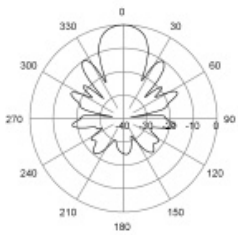
DIAGRAM

RADIATION PATTERNS



E-Plane | 526 MHz

RADIATION PATTERNS



H-Plane | 526 MHz

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