

2 element Yagi 420 - 470 MHz

DESCRIPTION

- A 2-element UHF Yagi antenna for PMR/Trunked Radio, Broadcast and extended range VHF Aircraft Band applications.
- Produced to the highest quality standards, these robust antenna designs will ensure reliable operation in harsh environmental conditions.
- Former Jaybeam brand product.



SPECIFICATIONS

| Electrical | |
|-------------------------|--|
| Model | 7039420 |
| Frequency | 420 - 470 MHz |
| Max. Input Power | 150 W |
| Polarisation | Linear (Vertical or Horizontal) |
| 3 dB Beamwidth, E-Plane | 75 ° |
| 3 dB Beamwidth, H-Plane | 150 ° |
| Impedance | 50 Ω |
| Gain | 3 dBd (5.2 dBi) |
| VSWR | < 1.5:1 |
| Front-To-Back Ratio | > 12 dB |
| Antistatic Protection | All metal parts DC-grounded (Connector shows a DC-short) |

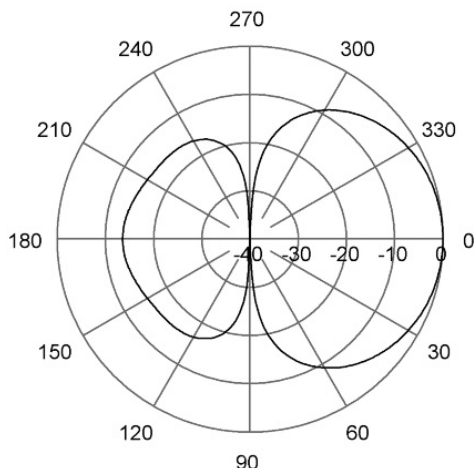
| Mechanical | |
|----------------------------|--|
| Connection(s) | N(f) on 3m RG213/U cable |
| Materials | Boom, 32 mm dia. aluminium elements, 12.7 mm dia. aluminium balun, Fully moulded enclosure |
| Length | Approx. 670 mm / 26.38 in. |
| Wind Load | 46 N (160 km/h) |
| Weight | Approx. 1.2 kg / 2.65 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) |

ORDERING

| Model | Product No. | Frequency |
|----------------|-------------|---------------|
| 2 element Yagi | 7039420 | 420 - 470 MHz |

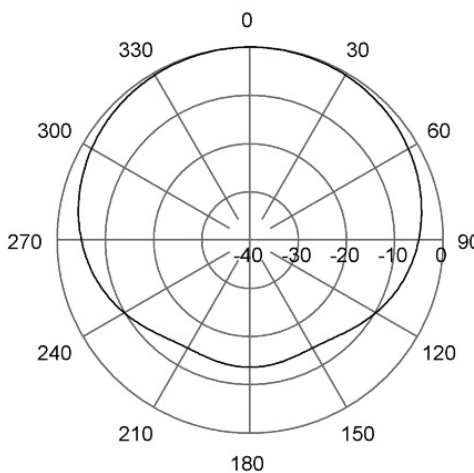
| Accessories | | |
|---|------------|--|
| Galvanised steel crossover bracket 32/50 mm | 0900912/00 | |
| Pressed steel cross clamp 2" x 1-1/4" (JBL73) | 0302032/68 | |
| Cast aluminium cross clamp, circular | 0300064/00 | |
| M8 x 50 mm (2") U-Bolts (1 Pair) | 4884036/00 | |
| M8 x 75 mm (3") U-Bolts (1 Pair) | 4884076/00 | |
| Fixed norstel / coupler clamp (cross clamp) | 3202078/68 | |
| Increasing sleeve | 3201079/00 | |

RADIATION PATTERN



E-Plane | 445 MHz

RADIATION PATTERN



H-Plane | 445 MHz

