

A 3-element UHF Yagi antenna for PMR/Trunked Radio and Broadcast applications. Produced to the highest quality standards, these robust antenna designs will insure reliable operation in harsh environmental conditions. Low IMP rated models are available upon request.

7040444

V-Pol or H-Pol | 3-Element Yagi | 120° | 5 dBd

Electrical Characteristics	
Frequency band	430-450 MHz
Bandwidth	±5% (typical)
Polarization	Vertical or Horizontal
Horizontal beamwidth	120°
Vertical beamwidth	70°
Gain	5 dBd
Impedance	50Ω
VSWR	<1.5:1
Front-to-back ratio	>15 dB
Maximum power	150 W
Connector type	N-Female + 3m of RG213 cable
Lightning protection	DC grounded

Mechanical Characteristics			
Materials	Boom, 32 mm dia. Aluminium Elements, 12.7 mm dia. Aluminium Balun, Fully moulded enclosure		
Dimensions (Length)	100 MHz:	1700 mm	66.9 in
	480 MHz:	550 mm	21.7 in
Weight without bracket	100 MHz:	2.6 kg	5.7 lbs
	480 MHz:	1.6 kg	3.5 lbs
Wind load @ 160 km/hr (100 mph)	100 MHz:	160 N	36.0 lbf
	480 MHz:	52 N	11.7 lbf

Mounting Options	
Mounting bracket	3202078/68 + 3201079/00
Alternate mounting brackets	0900912/00, 0302032/68, or 0300064/00 + U-Bolts to match mounting pipe diameter

Please order Mounting Bracket separately.

