



VHF TV Yagi's

Directional 4 element VHF TV Yagi Antenna

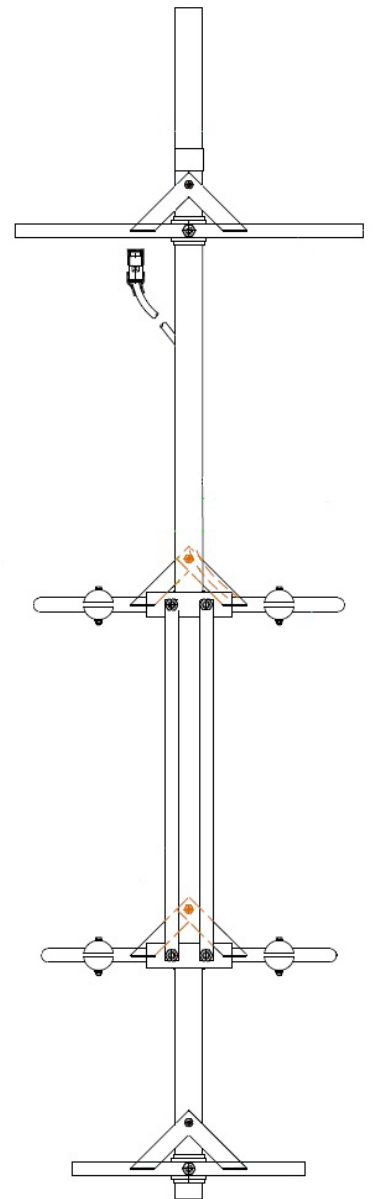
VHF 56-70MHz, Channel 1 or 2



These 4 element VHF TV series Yagi's are specifically designed and manufactured to cover either channel 1 or channel 2 in the VHF TV band I. Suitable for low power transmissions, off-air receive and re-broadcasting.

Mounting hardware, coaxial feeder cable, connectors and other installation accessories are all available separately.

	Y104-57	Y104-67
Construction	Corrosion-resistant aluminium boom, double dipole, bracing, 1/2" coaxial cable and termination	
Frequency range	VHF TV 56-63MHz Channel 1 within Band I (1)	VHF TV 63-70MHz Channel 2 within Band I (1)
VSWR	<1.2:1	
Tuning	Factory	
Gain	7dBd	
Polarisation	Mount Horizontal or Vertical as required	
Maximum power	1000 Watts	500 Watts
Impedance	50 Ohms	
H Plane	62°	
E Plane	54°	
Front-to-back ratio	<17dB	
DC grounding	Yes	
Connector	7/8" EIA flanged	N-type female
Coaxial cable	1.5 metres 1/2" corrugated shielded foam dielectric	1.5 metres of MIL-SPEC RG213
Boom dimensions	5.2m x 50mm	2.945m x Dia. 50mm
Longest element	3.1 metres	2.7 metres
Weight	28kg	12kg
Projected area	0.510m ²	0.457m ²
Wind load at 160kph	61kg	55kg
Mounting hardware	1 x Y2300 right-angle clamp or 2 x UAM180L parallel clamp - order separately	
Strut kit order separate	YS1-100 or YS2-100	
Warranty	2 Years	





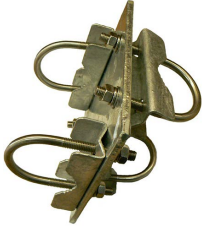
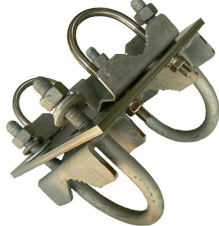

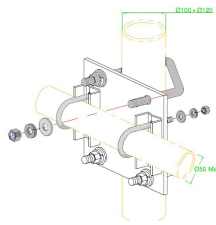
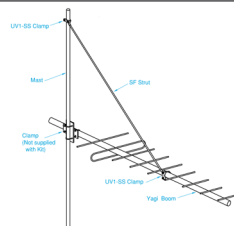
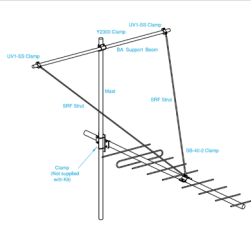
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Suitable mounting hardware

 <p>Y2300 Galvanised steel right-angle round boom Yagi clamp Boom: 30-50mm capability Mount pole: 30-50mm capability Also available in stainless steel</p>	 <p>Y2300-L Galvanised steel large right-angle round boom Yagi clamp Boom: 32-50mm capability Mount pole: 40-75mm capability Also available in stainless steel</p>
 <p>Y2300-XL Galvanised steel extra large right-angle round boom Yagi clamp Boom: 32-50mm capability Mount pole: 50-90mm capability Also available in stainless steel</p>	 <p>C-125 Galvanised steel extra large right-angle round boom Yagi clamp Boom: 32-50mm capability Mount pole: 100-125mm capability</p>
 <p>YS1-100 Single tension strut kit includes strut-to-yagi and strut-to-pole mounting hardware. <u>Does not include Yagi to pole mounting</u></p>	 <p>YS2-100 Dual tension strut kit includes support boom, strut-to-yagi and strut-to-pole mounting hardware. <u>Does not include Yagi to pole mounting</u></p>

Suitable feeder coaxial cable and connectors

 <p>1/2" super flexible helical shielded, foam dielectric coaxial cable P/N ZCG1250SF Available in per metre, 500m roll or alternatively request a custom cable assembly</p>	 <p>N-type male clamp connector for 1/2" super flexible, helical shielded coaxial cable P/N NM1250SF Tri-metal plated</p>
 <p>1/2" corrugated shielding, foam dielectric coaxial cable P/N ZCG1250 (also available in super flexible) Available in per metre, 500m roll or alternatively request a custom cable assembly</p>	 <p>N-type male clamp connector for 1/2" flexible, corrugated shielded, coaxial cable P/N NM1250 Tri-metal plated</p>
 <p>7/8" corrugated shielding, foam dielectric coaxial cable P/N ZCG7850 also available in Air-dielectric Available in per metre, 500m roll or alternatively request a custom cable assembly</p>	 <p>N-type male clamp connector for 7/8" flexible, corrugated shielded, coaxial cable P/N NM7850 Tri-metal plated</p>