

Y600TV Series

UHF TV Dual Dipole Yagis

The Y600-TV series of dual dipole yagis are designed and manufactured to deliver genuine broadband coverage of the UHF TV Band IV and V.

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

Specifications	Y609TV	Y615TV
Construction	Aluminium, or add SS for Stainless Steel (304 grade)	
Frequency Range	UHF TV band IV and V 520-820MHz	
Bandwidth	15 consecutive channels (105MHz) (specify when ordering)	
Return Loss, VSWR	Better than -20dB, <1.2:1 across specified bandwidth	
Tuning	Factory	Factory
Number of Elements	9	15
Gain (nominal)	10.5 dBd	12.1 dBd
Polarisation	Mount Horizontal or Vertical as required	
Maximum Power	50 Watts	50 Watts
Impedance	50 Ohms	50 Ohms
H Plane	46	42
E Plane	40	33
DC Grounding	Yes	Yes
Front-to-Back Ratio	20 dB	20 dB
Connector (fitted)	N-female fitted to 300mm RG58 low loss	
Boom Length	1.2 metres	1.85 metres
Longest Element	280mm	280mm
Weight	Alum - 0.8Kg S/Steel - 1.5Kg	Alum - 1.3Kg S/Steel - 2.5Kg
Projected Area	0.060m	0.088m
Wind Load at 160kph	7.3Kg, 0.072kN	8.4Kg, 0.083kN
Strut Kit (recommended)	None required	YS1-48 (order separately)
Mounting Accessories	1 x A48 for Alum, 1 x S48 for S/Steel (order separately)	

