

UHF MATV Series

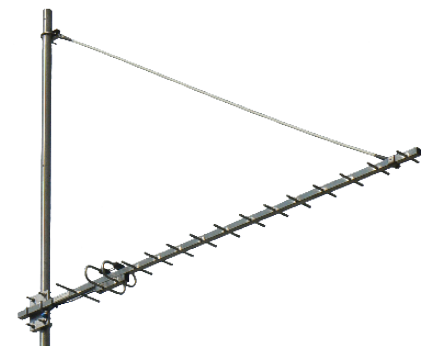
75 Ohm Dual Dipole Yagi's

UHF 520-820MHz

The 75 Ohm UHF Yagi's are specifically designed and manufactured for Mast Amplified T.V. (M.A.TV) receive systems suitable for professional broadcast installations.

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

Specifications	Y609TV-SS-75	Y615TV-SS-75
Construction	Fully-welded 304 stainless steel boom and dipole	
Frequency range	UHF M.A.T.V. 520-820MHz	
Bandwidth	15 consecutive channels - 105MHz specify when ordering	
VSWR	<1.2:1 across specified bandwidth	
Tuning	Factory	Factory
Number of elements	9	15
Gain - nominal	11.5 dBd	14 dBd
Polarisation	Mount horizontal or vertical as required	
Maximum power	50 Watts	50 Watts
Impedance	75 Ohms	75 Ohms
H Plane	46°	42°
E Plane	40°	33°
DC grounding	Yes	Yes
Front-to-back ratio	20 dB	20 dB
Connector	BNC male fitted to 200mm external RG59	
Boom length	1.2 metres	1.85 metres
Longest element	280mm	280mm
Weight	1.5kg	2.5kg
Projected area	0.06m ²	0.088m ²
Wind load at 160kph	7.3kg, .072kN	8.4kg, 0.083kN
Strut kit (recommended)	YS1-C48 - order separately	
Mounting hardware (order separate)	1 x S48 30-50mm pole or 1 x S48-76 60-75mm pole	



Y615TVSS-75 with tension strut



S48



S48-76