

## UHF MATV Series

### 75 Ohm Dual Dipole Yagis

The 75 Ohm UHF yagis are specifically designed and manufactured for Mast Amplified TV (MATV) receive systems at professional broadcast installations.

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

Specifications	Y609TVSS-75	Y615TVSS-75
Construction	Stainless Steel (304 grade)	
Frequency Range	UHF MATV 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)	11.5 dBd	14 dBd
Polarisation	Mount <b>Horizontal</b> or <b>Vertical</b> 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 (fitted)	BNC male fitted to RG59	
Boom Length	1.2 metres	1.85 metres
Longest Element	280mm	280mm
Weight	1.5Kg	2.5Kg
Projected Area	0.06m <sup>2</sup>	0.088m <sup>2</sup>
Wind Load at 160kph	7.3Kg, .072kN	8.4Kg, 0.083kN
Strut Kit (recommended)	YS1-C48 (order separately)	
Mounting Accessories	1 x S48 (order separately)	

