

Y415-DD

Scaled double dipole Yagi

UHF 380-700MHz

The Y415-DD dual dipole Yagi gives the ability of a wider bandwidth over a conventional single dipole Yagi, with the same dimensions as a standard Y415 Yagi. The wider bandwidth reduces the gain of the antenna.

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

Specifications	Y415-DD
Construction	Fully-welded aluminium boom, double dipole and cable tail
Frequency range	380- 700MHz
Bandwidth	Specify any 90MHz per plane
Tuning	Factory
Return loss, VSWR	Better than -15 dB, <1.5:1 VSWR
Elements	15
Gain - nominal	12 dBd
Polarisation	Horizontal or Vertical
Maximum power	150 Watts
Impedance	50 Ohms
DC grounding	Yes
H Plane	37°
E Plane	33°
Connector	N-type female fitted to cable tail
Cable	400mm RG58 rear exit of dipole assembly
Boom length	2.1 metres at 380MHz
Max. element length	0.4 metres at 380MHz
Weight	1.2Kg
Projected area	0.092m ²
Wind load at 160kph	11.1Kg, 0.109 kN
Mounting hardware (order separate)	1 x A48 or S48 for 30-50mm mount pole 1 x A48-65 or S48-65 for 50-60mm mount pole

