

## Y415-DD Double Dipole Yagi

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

Specifications	Y15DP
Construction	Aluminium
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 (each plane)	37°
E Plane (each plane)	33°
Connector	N-female fitted to cable tail
Boom Length	2.1 metres at 380MHz
Max. Element Length	0.4 metres at 380MHz
Weight	1.2Kg
Projected Area	0.092m <sup>2</sup>
Wind Load at 160kph	11.1Kg, 0.109 kN
Mounting Accessories	1 x A48 or S48 (order separate)

