

Y406-CP

UHF 380-700MHz

Circular polarised Yagi

A cross polarised Yagi produces a circular elliptical radiation pattern which reduces unwanted reflection and refraction of signals. This improves transmit and receive performance, particularly in hilly terrain or where there are trees, wire fencing or steel structures in the signal path.

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

Specifications	Y406-CP
Construction	Fully-welded aluminium and dipoles and phasing harness
Frequency range	UHF 380- 700MHz
Bandwidth	Specify any 20MHz when ordering
Tuning	Factory
VSWR	<1.5:1 VSWR
Cross elements	6 each plane
Gain - nominal	9 dBd per plane
Polarisation	Circular elliptical
Maximum power	150 Watts
Impedance	50 Ohms
DC grounding	Yes
H Plane each plane	50 °
E Plane each plane	46 °
Connector	N-type female output on 2-way phasing harness (supplied)
Dimensions	Length: 1.2m, Widest element: 400mm
Weight	0.9kg
Projected area	0.078 m ²
Wind load at 160kph	9.46kg, 0.093kN
Mounting hardware (order separate)	1 x A48-AM or consult ZCG for advice



Sample Patterns
at 410 MHz

