

RA8 Corner reflector

UHF or Mobile Phone 800-960MHz

When you require good gain together with a high front-to-back ratio, a corner reflector will provide the ideal fixed position antenna solution.

The RA8 is simple to assemble with the dipole mounting position clearly indicated with a red adhesive band.

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

Specifications	RA8
Construction	Fully-welded corrosion resistant aluminium
Frequency range	UHF or 3G mobile phone 800-960MHz
Bandwidth	Full band
Return loss, VSWR	<1.5:1 across specified bandwidth
Tuning	Factory
Gain	10 dBd
Maximum power	250 Watts
Impedance - nominal	50 Ohms
DC Grounding	Yes
Polarisation	Mount horizontal or vertical as required
H Plane	47°
E Plane	53°
Front-to-back ratio	30 dB
Connector	N-type female located in the base of the dipole
Reflector grid dimensions	Height: 275mm, Width: 300mm
Weight	3.0kg
Projected area	0.261MHz
Wind load at 160kph	0.309kN
Mouting hardware (supplied)	2 x U-bolts, for 20-50mm masts

