

## MGP-4850N

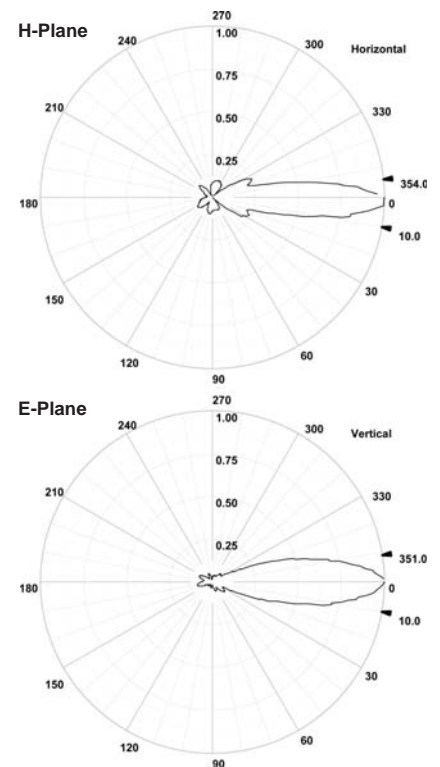
### Mini Grid-Pack Point-to-Point STL Link Antenna

The MGP-4850N grid pack antenna provides broad bandwidth across the UHF frequency range 820 to 960MHz.

The highly directional narrow radiation pattern with minimal side lobes makes this grid pack a perfect choice for use as a point-to-point broadcast studio to transmitter link.

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

Specifications	MGP-4850N
Construction	Aluminium
Frequency Range	UHF 820-960MHz
Bandwidth	Specify 100MHz when ordering
Return Loss, VSWR	Better than -15dB, <1.5:1 across specified bandwidth
Tuning	Factory
Gain	18.5 dBi (mid band)
Maximum Power	100 Watts
Impedance	50 Ohms
DC Grounding	Yes
Polarisation	Mount <b>Horizontal</b> or <b>Vertical</b> as required
H Plane	16°
E Plane	20°
Front-to-Back Ratio	22 dB
Cable Tail	400mm RU400 exits from bottom of radiating horn
Connector (fitted)	N-female
Dish Dimensions	1.3 metres x 1.2 metres (assembled)
Weight	12.5Kg
Projected Area	0.245m <sup>2</sup>
Wind Load at 160kph	29.673Kg, 0.291kN
Mounting Accessories	U-bolts (50-75mm) (supplied)
Warranty	2 Years



Sample patterns at 850 MHz