

## MGP-6850N

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

The MGP-6850N grid pack antenna provides broad bandwidth across the full 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. **ACMA approved, I.D. number 13459**

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

Specifications	MGP-6850N
Construction	Aluminium
Frequency Range	UHF 820-960MHz
Bandwidth	Full band
Return Loss, VSWR	Better than -15db, <1.5:1 across full band
Tuning	Factory
Gain	22.2 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	10°
E Plane	12°
Front-to-Back Ratio	28 dB
Cross Polarisation Discrimination	>28 dB
Connector	N-female located in base of launcher (no cable)
Dish Dimensions	1.8 metres x 1.85 metres (assembled)
Weight	19Kg
Projected Area	0.944m <sup>2</sup>
Wind Load at 160kph	114.3Kg, 1.12kN
Mounting Accessories	U-bolts (75-115mm) (supplied)
Warranty	2 Years



Sample patterns at 848 MHz

