

MGP-6850N

UHF Grid-Pack

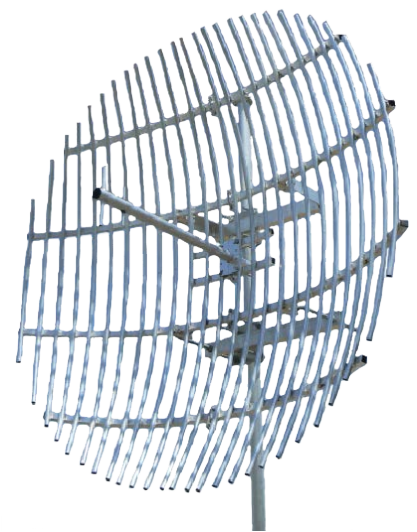
Point-to-Point STL Link

The MGP-6850N grid pack antenna provides broad bandwidth across the full UHF frequency range 820-960MHz.

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	Fully welded 2-piece corrosion resistant 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 horizontal or vertical as required
H Plane	10°
E Plane	12°
Front-to-back ratio	28 dB
Cross polarisation discrimination	>28 dB
Connector	N-type female located in base of launcher, no cable
Dish dimensions	1.8 metres x 1.85 metres - assembled
Weight	19Kg
Projected area	0.944m ²
Wind load at 160kph	114.3Kg, 1.12kN
Mounting hardware	2 x U-bolts, 75-115mm capability - supplied
Warranty	2 Years



Sample patterns at 848 MHz

