

MGP-6800N

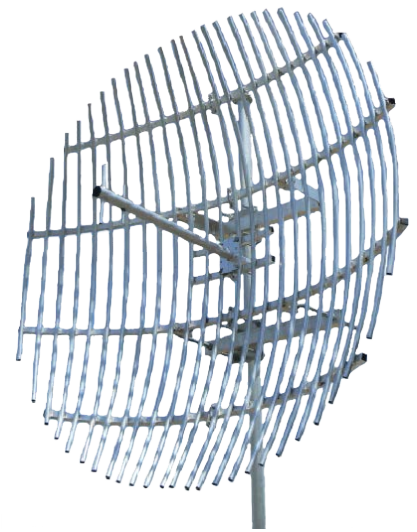
Grid-Pack Point-to-Point STL Link Antenna

The MGP-6800N grid pack antenna provides broad bandwidth across the full UHF frequency range 800 to 860MHz.

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-6800N
Construction	Fully welded corrosion resistant aluminium
Frequency Range	UHF 800-860MHz
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 in rear of launcher - no cable
Dish Dimensions	1.8 metres x 1.85 metres (assembled)
Weight	19.2kg
Projected Area	0.954m ²
Wind Load at 160kph	115.3kg, 1.13kN
Mounting Accessories	2x U-bolts 75-115mm capability - supplied
Warranty	2 Years



Sample patterns at 848 MHz

