

MGP-6750N

UHF Grid-Pack Point-to-Point STL Link UHF 700-800MHz

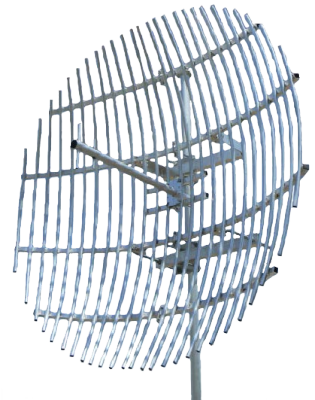


The MGP-6750N grid pack antenna provides directional capabilities suitable for STL link within the UHF/Mobile Phone frequency range 700-800MHz.

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

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

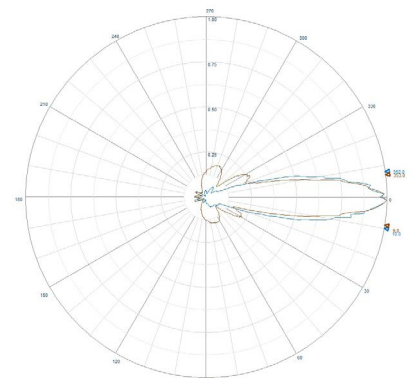
Specifications	MGP-6750N	
Construction	2-piece fully welded half parabolic rear screen assembly, launcher unit, mounting brackets and strut	
Frequency range	UHF 700-800MHz	
Bandwidth	Specify any 40MHz within frequency range	
VSWR	<1.5:1	
Tuning	Factory	
Gain	19.0dBi - mid band	20.0dBi - high band
Maximum power	200 Watts	
Impedance	50 Ohms	
DC grounding	Yes	
Polarisation	Mount Horizontal or Vertical as required	
H Plane	20°	
E Plane	16.8°	
Front-to-Back ratio	22 dB at high band	
Cross pol. discrimination	>26 dB	
Connector & cable	N-type female fitted to 200mm RG142 rear exit	
Dish dimensions	1.8 metres x 1.85 metres - assembled	
Weight	19kg	
Projected area	0.944m ²	
Wind Load at 160kph	115.3kg, 1.12kN	
Mounting hardware	U-bolts 75-115mm capability and aluminium strut	



Cable exit with N-type female termination



Launcher unit - scaled to 40MHz bandwidth



Sample radiation pattern