

NEW

MGP-6400N

UHF grid-pack

Point-to-Point STL link

The MGP-6400N UHF grid pack antenna provides broad bandwidth within the frequency range 400-520MHz band.

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-6400N	
Construction	2 x fully-welded corrosion resistant aluminium half parabolic, mount brackets, strut and launcher	
Frequency range	UHF 400-520MHz	
Bandwidth	Specify any 30MHz within band when ordering	
Return loss, VSWR	Better than -15db, <1.5:1 across full band	
Tuning	Factory	
Gain	16.0 dBd - mid band	17.5 dBd - high band
Maximum power	200 Watts	
Impedance	50 Ohms	
DC grounding	Yes	
Polarisation	Mount Horizontal or Vertical as required	
H Plane	24° - mid band	
E Plane	28° - mid band	
Front-to-back ratio	22dB at high band	
Cross polarisation discrimination	>26 dB	
Connector	N-type female fitted to 200mm RG58 rear exit	
Dish dimensions	1.8 metres x 1.85 metres - assembled	
Weight	19.1kg	
Projected area	0.954m ²	
Wind load at 160kph	115.3kg, 1.13kN	
Mounting hardware	U-bolts, 75-115mm and 1 x aluminium strut arm	
Warranty	1 Year	



Other Models Available	
MGP-3850	0.96m - 820-960MHz
MGP-4650N	1.2m - 520-670MHz
MGP-4750N	1.2m - 700-820MHz
MGP-4850N	1.2m - 820-960MHz
MGP-6750N	1.8m - 700-820MHz
MGP-6850N	1.8m - 820-960MHz
TDJ-1500N	1.2m - 1.4-1.55GHz
MGP-1500N	1.8m - 1.4-1.55GHz
MGP-1721N	1.8m - 1.71-2.1GHz