

MGP-4 Series

Highly directional UHF mini Grid-Pack point-to-point STL link
UHF 570-960MHz

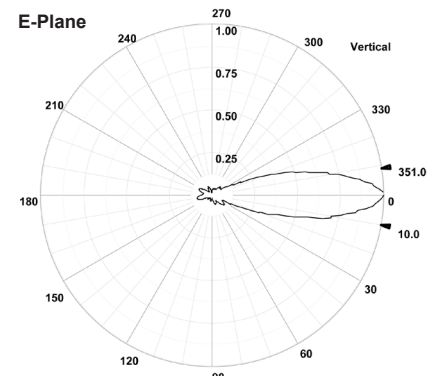
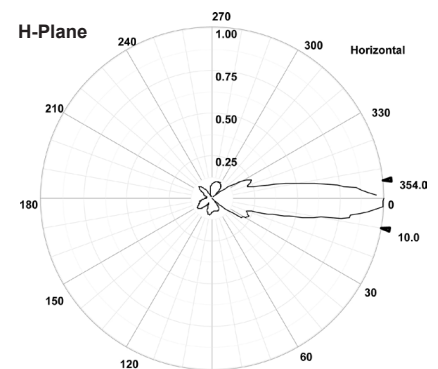

In-stock
Ready to
Ship
*Build to order
item

The MGP series of UHF mini grid-packs provide an exceptionally broad bandwidth with a highly directional narrow radiation pattern with minimal side lobes.

This makes a grid-pack the best choice for use as a point-to-point STL broadcast studio to transmitter link.

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

Specifications	MGP-4650N*	MGP-4750N*	MGP-4850N
Construction	Corrosion resistant aluminium rear screen and launcher		
Frequency range	570-670MHz	700-820MHz	820-960MHz
Bandwidth	Full selected frequency range		
VSWR	<1.5:1		
Tuning	Factory		
Gain - mid band	14.8dBi	16.6dBi	18.5dBi
H Plane	22°	19°	16°
E Plane	23°	22°	20°
Front-to-back ratio	18 dB	20 dB	22 dB
Maximum power	100 Watts		
Impedance	50 Ohms		
DC grounding	Yes		
Polarisation	Mount horizontal or vertical as required		
Cable tail	400mm RU400 low loss - bottom exit of launcher		
Connector	N-type female fitted to cable tail		
Dish dimensions	1.2 metres x 1.3 metres - assembled		
Weight	12.5kg		
Projected area	0.245m ²		
Wind load at 160kph	29.673kg, 0.291kN		
Mounting hardware	2 x U-bolts, 50-75mm capability - supplied		
Warranty	2 Years		



Sample patterns at 850 MHz