

MGP-3850N

Mini Grid-Pack Point-to-Point STL Link Antenna

The MGP-3850N UHF mini grid-pack antenna provides exceptionally broad bandwidth with a highly directional radiation pattern with minimal side lobes.

This makes a grid-pack the best choice for use as a point-to-point broadcast/telecomms link.

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

Specifications	MGP-3850N
Construction	Corrosion resistant aluminium rear screen and launcher
Frequency range	UHF 820-960MHz
Bandwidth	Full band
Return loss, VSWR	Better than -15dB, <1.5:1 across full band
Tuning	Factory
Gain	15.4 dBic
Maximum power	100 Watts
Impedance	50 Ohms
DC grounding	Yes
Polarisation	Mount horizontal or vertical as required
H Plane	24°
E Plane	25.3°
Front-to-back ratio	20 dB
Cable tail	400mm RU400 low loss - bottom exit from launcher
Connector	N-type female fitted to cable tail
Dish dimensions	0.95 metres x 0.96 metres - assembled
Weight	10.5kg
Projected area	0.2m ²
Wind load at 160kph	26.0kg, 0.21kN
Mounting hardware	2 x U-bolts, 50-75mm capability - supplied
Warranty	2 Years

