

**\*NEW\***

## MGP-8400N

UHF grid-pack

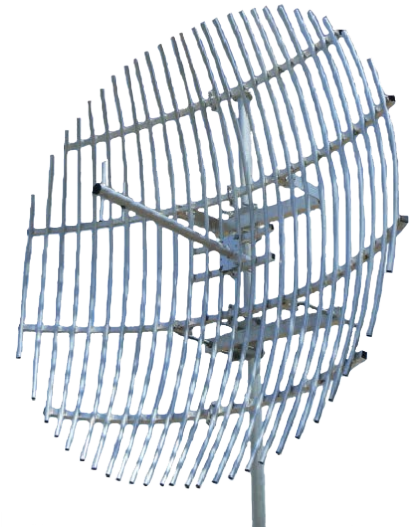
Point-to-Point STL link

The MGP-8400N UHF grid pack antenna provides broad bandwidth within the frequency range 400-500MHz.

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-8400N
Construction	2 x fully-welded corrosion resistant aluminium half parabolic, mount brackets, strut and launcher
Frequency range	UHF 400-500MHz
Bandwidth	Any 30MHz within band
Return loss, VSWR	Better than -15db, <1.5:1 across full band
Tuning	Factory
Gain	18.1dBi (mid band)
Maximum power	200 Watts
Impedance	50 Ohms
DC grounding	Yes
Polarisation	Mount <b>Horizontal</b> or <b>Vertical</b> as required
H Plane	16.5°
E Plane	18.75°
Front-to-back ratio	20dB
Cross polarisation discrimination	>26 dB
Connector	N-type female located in base of launcher (no cable)
Dish dimensions	2.4 metres x 2.45 metres x 850mm (assembled)
Weight	22kg
Projected area	1.104m <sup>2</sup>
Wind load at 160kph	134kg, 1.310kN
Mounting hardware	U-bolts (75-115mm), 1 x aluminium strut arm
Warranty	1 Year



### Other models available (SEE BROADCAST SECTION)

MGP-3850N	960mm - 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