

NEW

MGP-1500N

UHF grid-pack

Point-to-Point STL link

The MGP-1500N grid pack antenna provides broad bandwidth across the full UHF frequency range 1400-1550MHz. The highly directional narrow radiation pattern with minimal side lobes makes this grid pack a perfect choice for use as a point-to-point link.

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

| Specifications | MGP-1500N |
|-----------------------------------|---|
| Construction | 2-piece fully-welded corrosion resistant aluminium half parabolics, mounting hardware, strut and launcher |
| Frequency range | UHF 1400-1550MHz |
| Bandwidth | Full band |
| Return loss, VSWR | Better than -15db, <1.5:1 across full band |
| Tuning | Factory |
| Gain | 24 dBi - mid band |
| Maximum power | 100 Watts |
| Impedance | 50 Ohms |
| DC grounding | Yes |
| Polarisation | Mount horizontal or vertical as required |
| H Plane | 10° |
| E Plane | 8° |
| Front-to-back ratio | >30dB |
| Cross polarisation discrimination | >-28dB |
| Connector | N-type female fitted to external RG58 |
| Dish dimensions | 1.8 metres x 1.85 metres - assembled |
| Weight | 30kg - including mounting hardware |
| Projected area | 1.608m ² |
| Wind load at 160kph | 194.7Kg, 1.9kN |
| Mounting hardware - supplied | 2 x U-bolts, 75-115mm, 1 x aluminium strut arm |
| Warranty | 2 Years |



| 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 |
| MGP-1721N | 1.8m - 1.71-2.1GHz |