

TDJ-1500SP108

UHF grid-pack Point-to-Point STL link
UHF 1400-1550 MHz

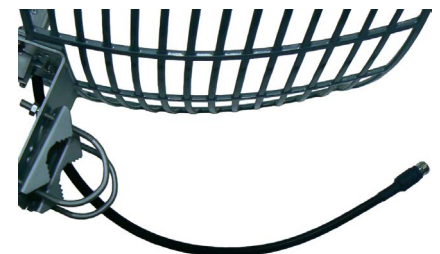


The TDJ-1500SP108 directional grid pack provides broad bandwidth across the full UHF frequency range 1400-1550 MHz.

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.

Construction	2-piece powdercoated aluminium semi-parabolic rear screen, mount brackets and launcher
Frequency range	1400-1550 MHz - UHF
Bandwidth	Full frequency range stated - 150 MHz
VSWR	<1.5:1
Tuning	Factory
Gain	19.5 dBi
Maximum power	100 Watts
Impedance	50 Ohms
DC grounding	Yes
Polarisation	Mount horizontal or vertical as required
H Plane	15°
E Plane	20°
Front-to-back ratio	>30dB
Connector	N-type female fitted to cable or specify requirements
Dish dimensions	600mm x 900mm - assembled
Weight	3.5kg
Projected area	0.94m ²
Wind load rating	60m/s
Mounting hardware - supplied	2 x U-bolts, 50-75mm capability with tilt adjustment
Installation tools required	9mm spanners for launcher mounting 11mm spanner for U-bolts securing

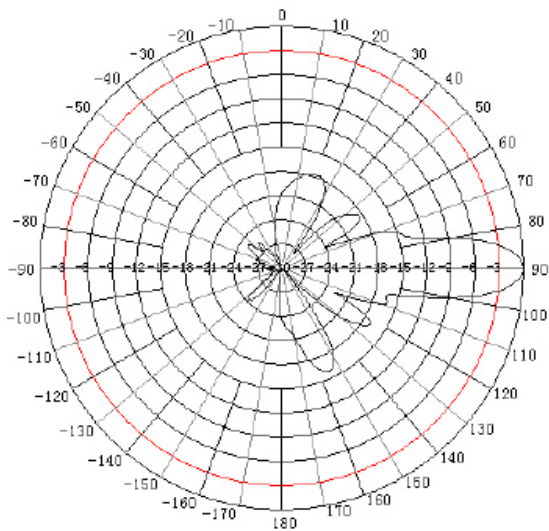


N-type female fitted to external rear exit cable

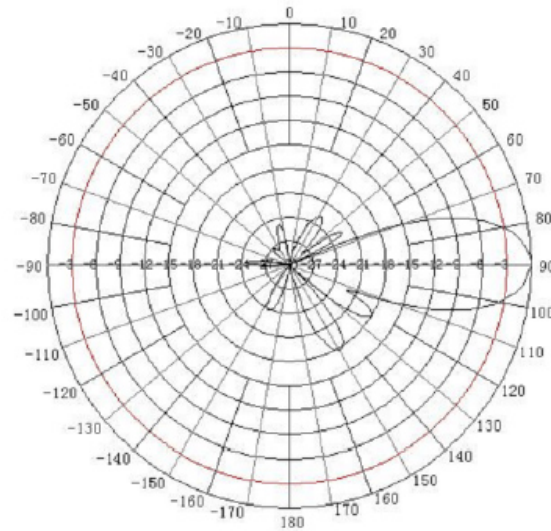


TDJ-1500SP108

UHF grid-pack Point-to-Point STL link
UHF 1400-1550 MHz



H Plane



E Plane



TDJ-1500SP108

UHF grid-pack Point-to-Point STL link
UHF 1400-1550 MHz




Suitable mounting hardware




CFB series - Galvanised steel 'J' hockey stick brackets, 1.1 - 2.1 metres.

Requires A-4266 series + 2 x EB1-SS or 1 x UB2-SS




SFB Series - galvanised steel pole extension 0.9-2.0 metres
Roof or overhang mounting

Requires mounting screws/ bolts and mounting hardware for antenna



A-2654-2 - Aluminium pole extension 1.1 metres includes pole mounting brackets.

Requires A-4266 + 2 x EB1-SS or 1 x UB2-SS



A-2307 - 6-piece aluminium & fibreglass mast - 6.68m

Includes: insulated top, guy wires, spigots and base bracket.

Suitable feeder coaxial cable and connector



RU400 Solid copper conductor, low loss coaxial cable
CNT-400 / LMR-400™ equivalent
(* times microwave)


P/N 7890

Available in 100m, 300m or 500m rolls or alternatively request a custom cable assembly



P/N 8226

N-type male crimp plug connector for RU400 - Tri-metal plated



RU600 Solid copper conductor, low loss coaxial cable
LMR-600™ equivalent
(* times microwave)

P/N 7890-3

Available in 500m roll or alternatively request a custom cable assembly



N-type male crimp connector for RU600 low loss, solid conductor

P/N 8226-2


Tri-metal plated



1/2" super flexible helical shielded, foam dielectric coaxial cable

P/N ZCG1250SF

Available in per metre, or 500m rolls or alternatively request a custom cable assembly



P/N NM1250SF

N-type male clamp style plug connector for 1/2" helical shielded, foam dielectric, super flexible cable - Tri-metal plated



1/2" corrugated shielding, foam dielectric coaxial cable

P/N ZCG1250

Available in per metre, or 500m rolls or alternatively request a custom cable assembly



P/N NM1250

N-type male clamp style plug connector for 1/2" corrugated shielded, foam dielectric cable - Tri-metal plated