



LPY350SS & LPY400SS

Stainless steel log periodic antennas

UHF 300-400 MHz or UHF 350-650 MHz



The LPY350SS and LPY400SS broadband log periodic antennas provides exceptionally broad bandwidth coverage across the UHF 300-400 MHz or 350-650 MHz frequency ranges.

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

	LPY350SS	LPY400SS
Construction	Fully-welded 304 grade stainless steel boom and fixed front elements, detachable rear elements, mounting hardware and external cable	
Frequency range	300-400 MHz - UHF	350-650 MHz - UHF Suits CN470-510
Bandwidth	Full frequency range stated	
VSWR	<2:1	
Tuning	Factory	
Gain	6 dBi	8.3 dBi
Maximum power	150 Watts	50 Watts
Impedance - nominal	50 Ohms	
Polarisation	Mount horizontal or vertical as required	
H Plane	98° - depending on frequency	
E Plane	59° - depending on frequency	
Front-to-back ratio	24dB	
DC grounding	Yes	
Connector	N-type female jack fitted to 200mm RG58A/U stranded	
Boom length	600mm	744mm
Longest element	500mm	429mm
Weight	3.2kg	3.5kg
Projected area	0.025m ²	0.051m ²
Wind load at 160kph	2.57kg, 0.026kN	6.151kg, 0.060kN
Mounting hardware supplied	Welded mount clamp and 2 x 30-50mm capability stainless steel U-bolt	Welded angle plate clamp and 30-50mm capability stainless steel U-bolt
Installation tools required	13mm or 1/2" spanner for U-bolt securing	



LPY350 log periodic antenna



LPY350 cable exit from bottom boom and mounting bracket welded onto rear of antenna



Detachable rear elements for reduction in courier costs and storage. Must be tightened using hole and jimmy bar supplied.



LPY400 log periodic antenna



LPY400 cable exit from bottom boom and mounting bracket welded onto rear of antenna



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Suitable mounting hardware




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

Requires mounting screws/ bolts and mounting hardware for antenna



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 mounting screws/ bolts and mounting hardware for antenna




NBS Anodised aluminium telescopic masts
2 to 6 sections
3-16 metre extended
Quick-install mounts available
[Contact us for more info.](#)

Suitable feeder coaxial cable and connectors



MIL-SPEC RG213 stranded copper conductor coaxial cable
SKU: 7800

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




N-type male crimp connector for MIL-SPEC RG213
SKU: 7937

Tri-metal plated - Low P.I.M.



RU400 low loss, solid copper core, foam dielectric cable
SKU: 7890
Ultra flexible SKU: 7890-2

Available in 100m, 300m or 500m (UF only) roll or alternatively request a custom cable assembly



N-type male solder pin crimp connector for RU400 / RU400-UF coaxial cable
SKU: NM-8226

Tri-metal plated - Low P.I.M.



RU600 low loss, solid copper core, foam dielectric cable
SKU: 7890-3

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



N-type male solder pin crimp connector for RU600 coaxial cable
SKU: 8226-2

Tri-metal plated - Low P.I.M.



1/2" corrugated shielding, foam dielectric coaxial cable
SKU: ZCG1250
Air dielectric. SKU: ZCG1250-A
Helical super flex. SKU: ZCG1250SF

Available in per metre (excl. Air) or 500m rolls or alternatively request a custom cable assembly



N-type male clamp connector for 1/2" flexible, corrugated shielded, coaxial cable
SKU: NM1250
Super flex. SKU: NM1250SF

Tri-metal plated - Low P.I.M.