



LPY698-3800 series

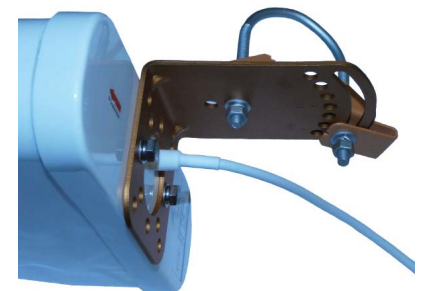
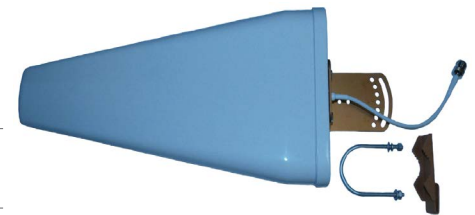
Radome enclosed directional multiband log periodic antenna
5G, 4G LTE and dualband 4G 698-960 MHz & 1710-2700 MHz


In-stock
Ready to
Ship
* Signifies build to
order item

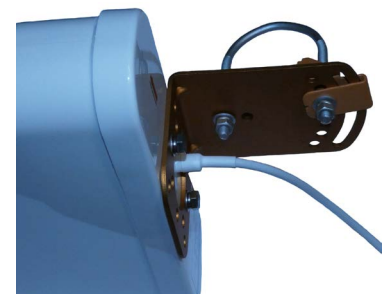
The LPY698-3800 radome enclosed log periodic antenna provides exceptionally broad bandwidth coverage across all networks 4G LTE + 4G/3G and 5G mobile phone networks 698-960 MHz, 1710-2690 MHz and 3300-3800 MHz.

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

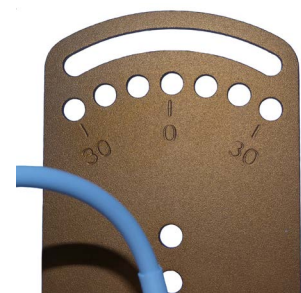
Construction	White ABS radome, anodised aluminium mount bracket, 200mm external cable and nickel plated connector	
Frequency range	698-960 MHz + 1710-2690 MHz + 3300-3800 MHz 5G + 4G LTE + dualband 4G networks	
Bandwidth	Full frequency ranges stated	
VSWR	<2:1	
Tuning	Factory	
Gain	11 dBi	
Maximum power	50 Watts	
Impedance - nominal	50 Ohms	
Polarisation	Mount horizontal, vertical or +/- slant as required	
Front-to-back ratio	>15 dB	
H Plane	50°-65° - depending on frequency	
E Plane	40°-50° - depending on frequency	
DC grounding	Yes	
Connector	N-type female fitted to 200mm white RG58 stranded	
Dimensions	Length: 400mm, Width: 65mm, Height: 260mm	
Weight	1.0kg	
Wind Load at 160kph	Front: 1.89kg, 0.019kN	Side: 12.598kg, 0.123kN
Operational temperature	-40°C ~ +70°C (-32°F ~ +158°F)	
Mounting hardware supplied	Adjustable angle plate clamp and 2 x 30-50mm diameter capability U-bolts with maximum ±30° mechanical tilt	
Mounting position recommended	Mount as high on your structure, pole, mast or tower as possible using a 30-50mm diameter pole. Adjust the polarisation of the antenna using the mounting holes or slot on the mount bracket.	
Installation tools required	10mm spanner for securing bracket and U-bolts	



Anodised mount bracket with 30-50mm capability U-bolt and V-block in 60 degree free slot



Anodised mount bracket with 30-50mm capability U-bolt and V-block in +/-30 degree holes



Anodised mount bracket with +/- 30 degree adjustment holes or 60 degree free slot.




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Suitable mounting hardware




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

Requires mounting screws/
bolts and mounting hardware
for antenna



SKU: SFB900
Galvanised steel pole extension
900mm
(available up to 2.0 metres)
Flat Roof or overhang
mounting

Requires mounting screws/
bolts and mounting hardware
for antenna



SKU: 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



SKU: 7876-2
RU240-UF ultra flexible
stranded conductor, low loss
coaxial cable
LMR-240-UF™ equivalent
(* times microwave)

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



SKU: NM-7987
N-type male crimp connector
for RU240-UF ultra flexible
cable

Nickel plated



SKU: 7890-2
RU400-UF ultra flexible
stranded conductor, low loss
coaxial cable

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



SKU: NM-8226
N-type male crimp connector
for RU400 low loss, solid
conductor

Tri-metal plated



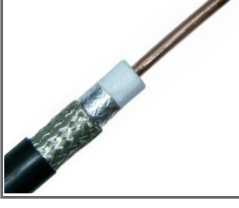
SKU: 7890
RU400 Solid copper conductor,
low loss coaxial cable
CNT-400 / LMR-400™ equivalent
(* times microwave)

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



SKU: NM-8226
N-type male crimp connector
for RU400 low loss, solid
conductor

Tri-metal plated



SKU: 7890-3
RU600 Solid copper conductor,
low loss coaxial cable
LMR-600™ equivalent
(* times microwave)

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



SKU: NM-8226-2
N-type male crimp connector
for RU600 low loss, solid
conductor

Tri-metal plated