



## CP2400-6 End-fed helical right-hand circular antenna WiFi/WLAN & ISM 2.4-2.5 GHz



The CP2400-6 is a highly directional right-hand circular polarised, end-fed helical collinear. A helically wound right-hand circular polarised antenna will reduce unwanted signal interference and reflections. The end fired design is particularly well suited for point-to-point data communications such as WiFi/WLAN, wireless broadband or data transfer applications

Mounting hardware, coaxial feeder cable, adaptors and other installation accessories are all available separately.



Construction	White fibreglass radome, aluminium mount plate/reflector plate, mounting U-bolts, external coaxial cable and nickel plated termination
Frequency range	2.4-2.5 GHz - ISM & WiFi/WLAN compatible
Bandwidth	Full frequency range stated - 100 MHz
VSWR	<1.5:1
Tuning	Factory
Gain	8 dBi
Polarisation	Right-hand circular (RHCP)
Impedance - nominal	50 Ohms
Maximum power	50 Watts
H Plane	34°
E Plane	29°
DC grounding	Yes
Connector	N-type female
Coaxial cable	450mm RG142 UV rated black jacket cable - rear exit from mount plate
Dimensions	Length: 155mm, Plate: 160mm x 135mm
Weight	700grams
Supplied U-bolt capability	30-52mm - 304 stainless steel
Mounting requirements	Mount to ensure one drain hole facing down




## CP2400-15

### End fire helical right-hand circular collinear WiFi/WLAN & ISM 2.4-2.5 GHz




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



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



SFB900 - Galvanised steel straight extension brackets - 900mm or specify length requirements

Requires 2 x EB1-SS or 1 x UB2-SS for antenna mounting



NBS telescopic mast range  
Anodised aluminium sections

2 metre or 3 metre section heights  
4m to 11m extended heights available.

Contact us for suitable solutions

#### 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