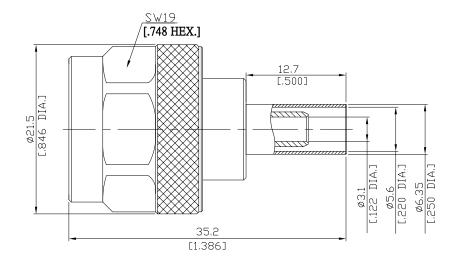


Technical Data Sheet

N Straight Cable Plug

N1C50-G142A/133



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

IEC 61169-16; MIL-STD-348A/304

Electrical Data

Impedance 50Ω

Frequency DC to 6 GHz VSWR (Return Loss) \leq 1.15 (\geq 23.1 dB) Insertion Loss \leq 0.05

Working voltage (at sea level) 1400 V rms

- Limitations are possible due to the used cable type and manufacturing process -

Mechanical Data

Coupling mechanisms Screw-lock

Centre contact Soldered or Crimped

Cable entry Crimped

Environmental Data

Temperature range $-65\,^{\circ}\text{C}$ to $+165\,^{\circ}\text{C}$ RoHS compliant

Material And Plating

Connector parts	Material	Plating
Centre contact	Brass	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel
Crimp ferrules	Brass	Nickel

Suitable Cables

RG-55, RG-142, RG-223, RG-400

Packing

Single, 5-pack, or 100

The facts and figures herein are carefully compiled to the best of our	
knowledge, but they are intended for general informational purposes only.	
In the effort to improve our products, we reserve the right to make changes	D
judged to be necessary.	1

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Page

1/2

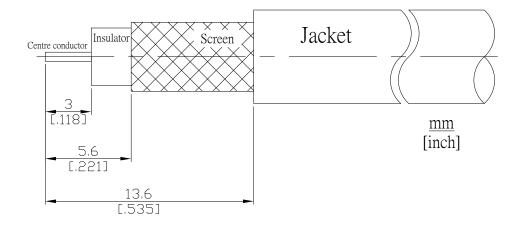


Technical Data Sheet

N Straight Cable Plug

N1C50-G142A/133

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

Crimp ferrule Centre contact 5.41 mm [.213 inch] 1.73 mm [.068 inch]