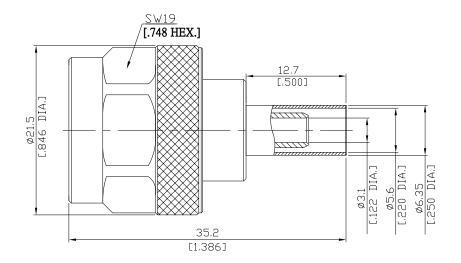


Technical Data Sheet

N Straight Cable Plug

N1C50-G142A/111



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

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

50 O

Electrical Data

Impedance

Frequency DC to 6 GHz VSWR (Return Loss) $\leq 1.15 (\geq 23.1 \text{ dB})$

 $\begin{array}{ll} \mbox{Insertion Loss} & \leq 0.05 \\ \mbox{Working voltage (at sea level)} & 1400 \ \mbox{V rms} \end{array}$

- 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 °C to +165 °C RoHS compliant

Material And Plating

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

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	Rev.: 1.0	Rosnol RF/I
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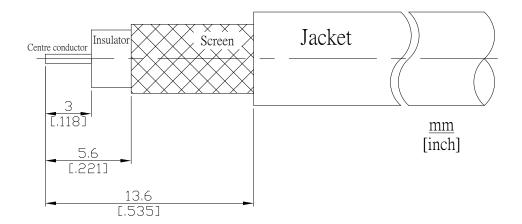


Technical Data Sheet

N Straight Cable Plug

N1C50-G142A/111

Recommended Cable Stripping Dimensions



Crimp Dimensions [HEX]

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