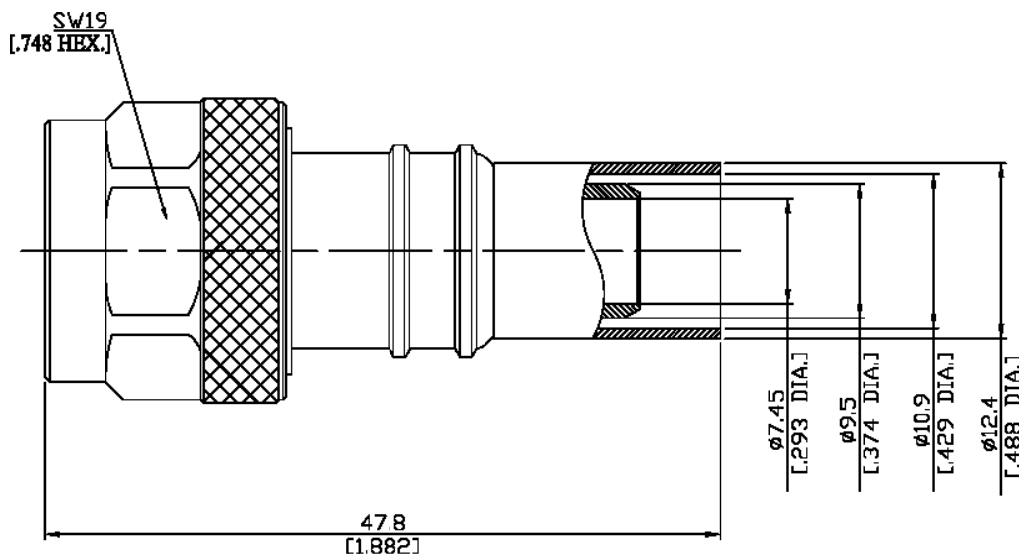


N(Male) Straight Cable Plug

N1C50-EZR400A/144



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 50 Ω  
Frequency DC to 8 GHz  
VSWR (Return Loss) ≤ 1.25 (≥ 19.08 dB)  
Insertion Loss ≤ 0.05 x √F (GHz) dB

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

**Mechanical Data**

Coupling mechanisms Screw-lock  
Centre contact Plug-in  
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	Copper-Tin-Zinc Alloy
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Copper-Tin-Zinc Alloy
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy

**Suitable Cables**

LMR 400, Belden 7810A, Belden 8214, Belden 9913

\* It is necessary to apply liquid tin to the center conductor before plugging it in.

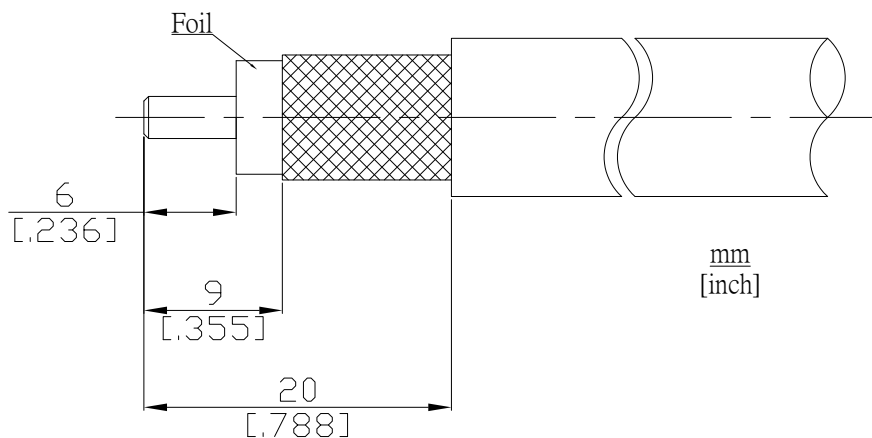
**Packing**

Single or 100

N(Male) Straight Cable Plug

N1C50-EZR400A/144

Recommended Cable Stripping Dimensions



*Please note: It is necessary to apply liquid tin to stranded center conductors before plugging them into the connector.*

Crimp Dimensions [HEX]

Crimp ferrule 10.90 mm [.429 inch]