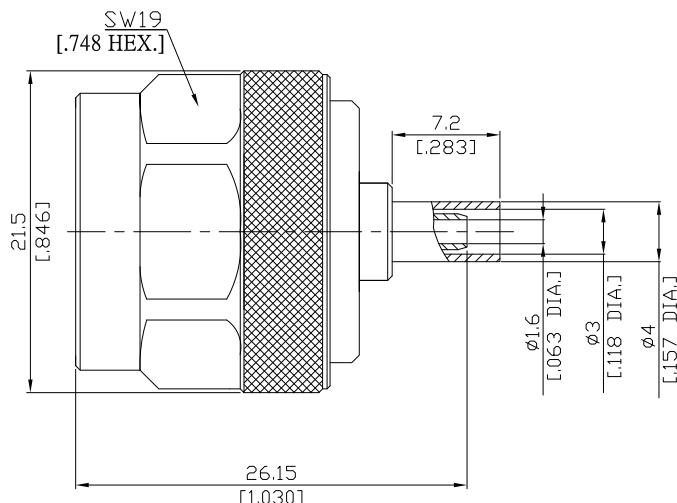


N(Male) Straight Cable Plug

N1C50-G316A/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 6 GHz
VSWR (Return Loss)	≤ 1.20 (≥ 20.8 dB)
Insertion Loss	≤ 0.05
Working voltage (at sea level)	900 V rms

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

**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	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**

RG 174, RG 188A, RG 316, BELDEN 7805

**Packing**

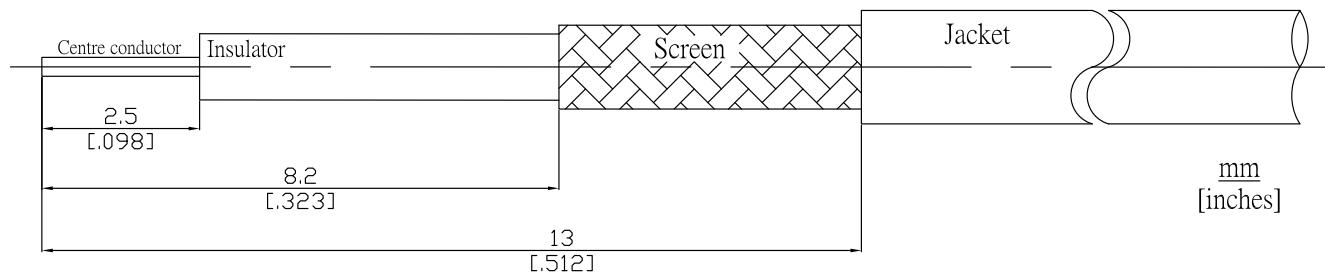
Single or 100



N(Male) Straight Cable Plug

N1C50-G316A/144

Recommended Cable Stripping Dimensions



Crimp Dimensions

Crimp ferrule 3.25 mm [.128 inch] HEX  
Center Contact 0.7 mm [.028 inch] SQ