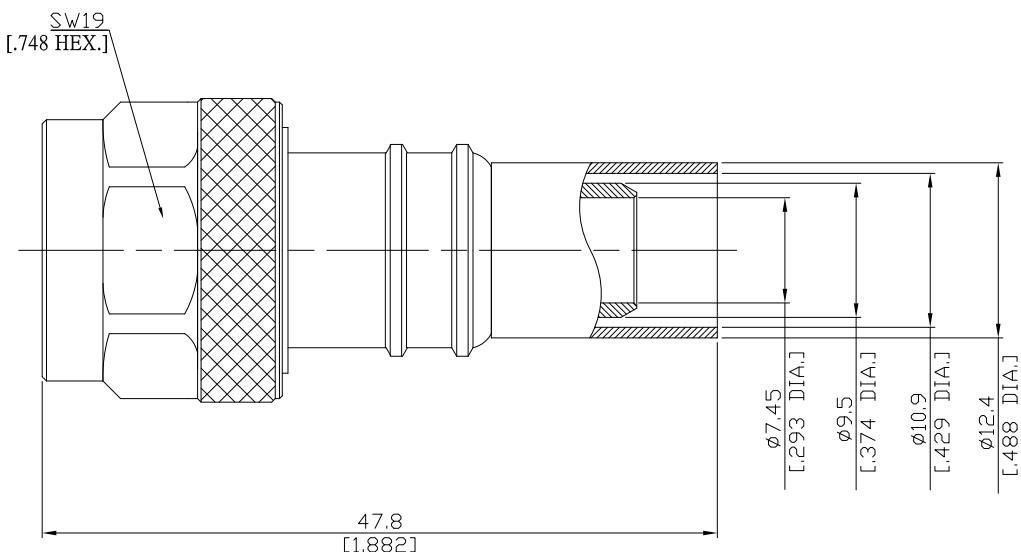


## N(Male) Straight Cable Plug

## 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 ( $\geq 19.08$  dB)

Insertion Loss

 ≤  $0.05 \times \sqrt{f}$  (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, RNL-400, RG-213\*, RG-8\*

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

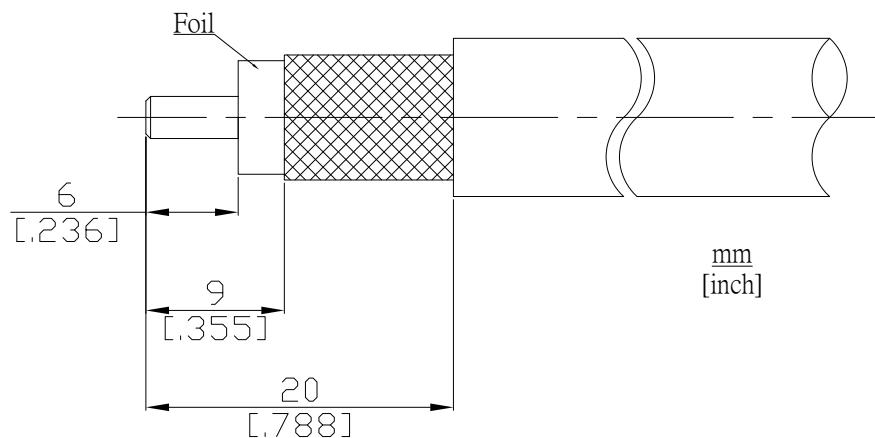
Single or 100



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]