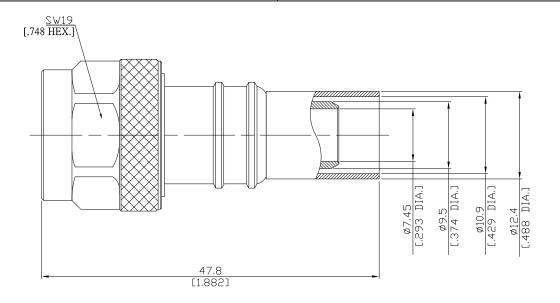


# Technical Data Sheet

# N(Male) Straight Cable Plug

# N1C50-EZR400A/944



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

 $\begin{array}{lll} \mbox{Impedance} & 50 \ \Omega \\ \mbox{Frequency} & DC \ \mbox{to 8 GHz} \\ \mbox{VSWR (Return Loss)} & \leq 1.25 \ (\geq 19.08 \ \mbox{dB}) \\ \mbox{Insertion Loss} & \leq 0.05 \ \mbox{x} \ \sqrt{F} \ (\mbox{GHz}) \ \mbox{dB} \end{array}$ 

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

#### Mechanical Data

Coupling mechanisms

Centre contact

Cable entry

Screw-lock
Plug-in
Crimped

## Environmental Data

Temperature range RoHS -65 °C to +165 °C compliant

## Material And Plating

Connector parts	Material	Plating
Centre contact	Beryllium Copper	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

LMR400, RNL-400, Belden 7810A, Belden 8214, Belden 9913

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

Page

1/2

# **Packing**

Single or 100

knowledge, but they are intended for general informational purposes only.	www.rosnol.com; info@rosnol.com
In the effort to improve our products, we reserve the right to make changes Date: judged to be necessary.	Phone: +886-3-463-5095 / Fax: +886-3-463-5952

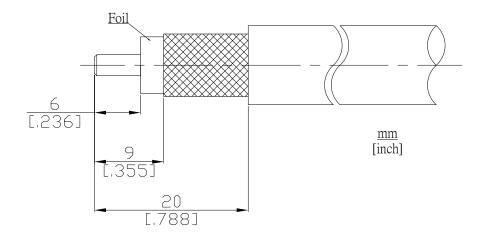


# Technical Data Sheet

# N(Male) Straight Cable Plug

# N1C50-EZR400A/944

## 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]