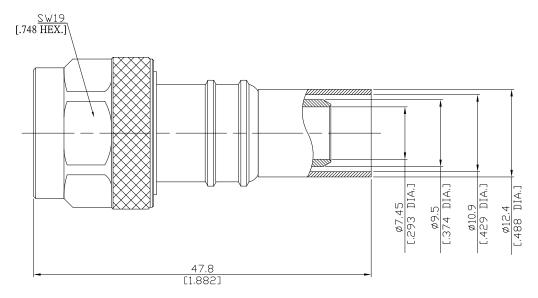


Technical Data Sheet

N Straight Cable Plug

N1C50-EZR400A/144



All dimensions are in mm [inch] $\,$

Tolerances according to DIN ISO 2768-mH

Interface According to

Interface

MIL-C-39012; MIL-STD-348A/304

Electrical Data

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

- 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 $-65\,^{\circ}\text{C}$ to $+165\,^{\circ}\text{C}$ 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 213, RG 214, Belden 7810A, Belden 8214, Belden 9913, LMR 400

Packing

Single or 100

The facts and figures herein are carefully compiled to the best of our
knowledge, but they are intended for general informational purposes only.
In the effort to improve our products, we reserve the right to make changes
judged to be necessary.

rev	Rosnol RF/Microwave Technology www.rosnol.com; info@rosnol.com
Date:	Phone: +886-3-463-5095
19/11/10	Fax: +886-3-463-5952

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