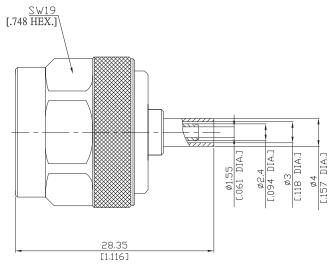


## Technical Data Sheet

# N Straight Cable Plug

## N1C50-G316A/144



All dimensions are in mm [inch]
Tolerances according to DIN ISO 2768-mH

#### Interface

According to

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

#### Electrical Data

Impedance Frequency

VSVVR (Return Loss)
Insertion Loss

Working voltage (at sea level)

50 Ω

DC to 11 GHz ≤ 1.20 (≥ 20.8 dB)

≤ 0.05 900 V rms

- Limitations are possible due to the used cable type -

#### Mechanical Data

Coupling mechanisms
Centre contact

Cable entry

Screw-lock

Soldered or crimped

Crimped

#### Environmental Data

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

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only	Kev	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes	Date:	Phone:+886-3-463-5095	1/1
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