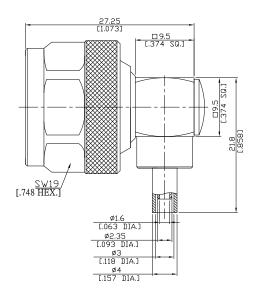


Technical Data Sheet

N Right Angle Cable Plug

N1C59-G316A/144



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

Interface

IEC 60169-16; MIL-C-39012; MIL-STD-348A/304

Electrical Data

Impedance Frequency

Insertion Loss

According to

VSWR (Return Loss)

50 Ω

DC to 11 GHz

 \leq 1.07 (\geq 29.4 dB) DC to 2 GHz \leq 1.15 (\geq 23.1 dB) 2 to 4 GHz

≤ 1.22 (≥ 20.1 dB) 4 to 8 GHz

 \leq 0.05 DC to 8 GHz

- Limitations are possible due to the used cable type -

Mechanical Data

Coupling mechanisms Screw-lock
Centre contact Soldered
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

The facts and figures herein are carefully compiled to the best of our	K \(\tau \) \(\tau \) \(\tau \)	Rosnol RF/Microwave Technology	Page
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