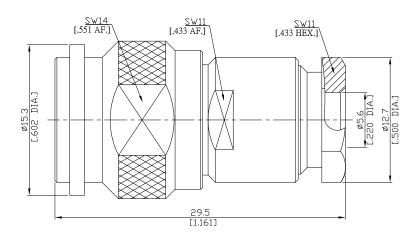


## Technical Data Sheet

## TNC Straight Cable Plug

## TNC1D50-G058A/133



IEC 60169-17; MIL-C-39012; MIL-STD-348A/313

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

# Interface According to

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Electrical Data

Impedance  $50 \Omega$ 

Frequency DC to 4 GHz

VSWR (Return Loss) ≤ 1.09 (≥ 27.3 dB), DC to 2 GHz ≤ 1.12 (≥ 24.9 dB), 2 to 3 GHz

 $\leq 1.22 \ (\geq 20.1 \text{ dB}), 3 \text{ to } 4 \text{ GHz}$ 

Insertion Loss  $\leq 0.05 \times \sqrt{F (GHz)} dB$ 

- Limitations are possible due to the used cable type -

#### Mechanical Data

Coupling mechanisms Screw-lock

Centre contact Soldered or Crimped

Cable entry Clamp

#### 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	Nickel
Insulator	PTFE	
Gasket	Silicone Rubber	
Coupling nut	Brass	Nickel

#### Suitable Cables

RG 58, RG 58A, RG 58C, RG 141, RG 303, BELDEN 7806A, BELDEN 9907, LMR 195

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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	
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date: 19/11/10	Phone:+886-3-463-5095	