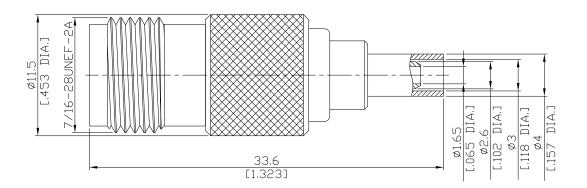


## Technical Data Sheet

# TNC Straight Cable Jack

## TNC2C50-G316A/H3



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

#### Interface

According to Electrical Data

Impedance

Frequency

VSWR (Return Loss)

Insertion Loss

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

50 Ω

DC to 11 GHz

≤ 1.08 (≥ 28.3 dB), DC to 1 GHz

 $\leq$  1.22 ( $\geq$  20.1 dB), 1 to 2 GHz ≤ 1.29 (≥ 17.9 dB), 2 to 11 GHz

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

- Limitations are possible due to the used cable type -

#### Mechanical Data

Coupling mechanisms

Screw-lock

Centre contact

Crimped or Slodered

Crimped

#### Environmental Data

Temperature range RoHS

Cable entry

-65°C to +165°C

compliant

#### Material And Plating

Connector parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Crimp ferrules	Brass	Nickel

### 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		
In the effort to improve our products, we reserve the right to make changes		
judged to be necessary.		

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