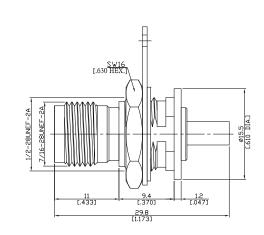


## **Technical Data Sheet**

# TNC Straight Bulkhead Cable Jack

## TNC2CA50-G316C/H3



50 Ω

DC to 11 GHz

Screw-lock

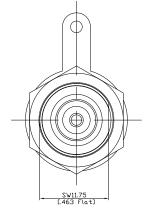
Crimped

compliant

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

Soldered or Crimped

-65°C to +165°C



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

- Limitations are possible due to the used cable type -

#### Mechanical Data

Coupling mechanisms Centre contact Cable entry

Environmental Data

Temperature range RoHS

### M

Midferial And Plating		
Connector parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Nickel
Insulator	PTFE	
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy
Fastening nut	Brass	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy
Solder tag	Brass	Copper-Tin-Zinc Alloy
5		11 /

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

≤ 1.08 (≥ 28.3 dB), DC to 1 GHz ≤ 1.22 (≥ 20.1 dB), 1 to 2 GHz ≤ 1.29 (≥ 17.9 dB), 2 to 11 GHz

### Suitable Cables

RG-174, RG-188A, RG-316, Belden 7805

	Single o	r 100	
Related Document Mounting Dimension	MD7		
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.		Kev.:-	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com
		Date: 19/11/10	Phone:+886-3-463-5095 Fax:+886-3-463-5952