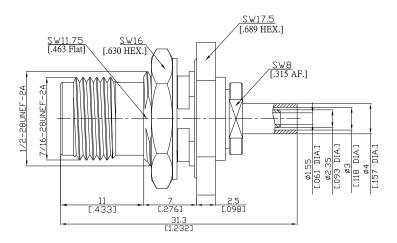


Technical Data Sheet

TNC Straight Bulkhead Cable Jack

TNC2CA50-G316B/HX



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

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

Electrical Data

Impedance Frequency

VSWR (Return Loss)

50 Ω

DC to 11 GHz

 \leq 1.08 (\geq 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

≤ 0.05 x √ F (GHz) dB

Insertion Loss

- 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	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Stainless steel	Passivated
Insulator	PTFE	
Gasket	Silicone Rubber	
Crimp ferrules	Brass	Copper-Tin-Zinc Alloy
Fastening nut	Brass	Copper-Tin-Zinc Alloy
Washer	Brass	Copper-Tin-Zinc Alloy

Suitable Cables

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

Packing

Single or 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.

D	Rosnol RF/Microwave Technology	
	www.rosnol.com ; info@rosnol.com	
Date:	Phone:+886-3-463-5095	
19/11/10	Fax:+886-3-463-5952	