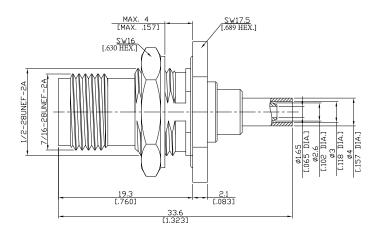


### Technical Data Sheet

# TNC Straight Bulkhead Cable Jack

## TNC2CA50-G316A/H3



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

 $\begin{array}{c} \text{Impedance} & 50 \, \Omega \\ \text{Frequency} & \text{DC to 11 GHz} \end{array}$ 

VSWR (Return Loss) ≤ 1.15 (≥ 23.1 dB), DC to 2.5 GHz

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

- Limitations are possible due to the used cable type and manufacturing process -

#### Mechanical Data

Coupling mechanisms Screw-lock
Centre contact Crimped
Cable entry Crimped

#### Environmental Data

Temperature range -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            |                                  |
| Gasket          | Silicone Rubber |                                  |
| Crimp ferrules  | Brass           | Nickel                           |
| Fastening nut   | Brass           | Nickel                           |
| Washer          |                 |                                  |

#### Suitable Cables

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

Packing

Single or 100

Date

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.   |

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