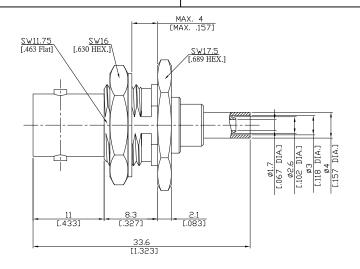


## Technical Data Sheet

# BNC Straight Bulkhead Cable Jack

# BNC2CA50-G316A/H4



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

## Interface

According to

IEC 60169-8; MIL-C-39012; MIL-STD-348A/301

#### Electrical Data

Impedance Frequency

requency

Insertion Loss

VSWR (Return Loss)

50 Ω

DC to  $4\ GHz$ 

 $\leq$  1.08 ( $\geq$  28.3 dB), DC to 1 GHz  $\leq$  1.12 ( $\geq$  24.9 dB), 1 to 2 GHz

≤ 1.22 (≥ 20.1 dB), 2 to 4 GHz ≤ 0.05 x  $\sqrt{F}$  (GHz) dB, DC to 4 GHz

- Limitations are possible due to the used cable type -

#### Mechanical Data

Coupling mechanismsBayonet-lockCentre contactCrimpedCable entryCrimped

#### Environmental Data

Temperature range  $-65\,^{\circ}\text{C}$  to  $+165\,^{\circ}\text{C}$  RoHS compliant

#### Material And Plating

Connector parts	Material	Plating
Centre contact	Phosphor Bronze	Gold plating(Nickel underplated)
Body	Brass	Copper-Tin-Zinc Alloy
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 o	ur
knowledge, but they are intended for general informational purposes only	y
In the effort to improve our products, we reserve the right to make change	es
judged to be necessary.	

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Page

1/1