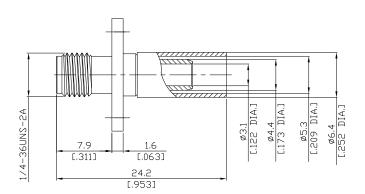
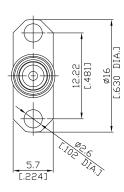


### Technical Data Sheet

# SMA Straight 2 Hole Panel Cable Jack

## SMA2CBT50-G058A/91





All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

# Intertace According to

Interface

IEC 60169-15; MIL-C-39012; MIL-STD-348A/310

#### Electrical Data

Impedance

50 Ω

Frequency

Insertion Loss

DC to 12.4 GHz

VSWR (Return Loss)

 $\leq$  1.04 ( $\geq$  34.15 dB), DC to 1 GHz

 $\leq$  1.05 ( $\geq$  32.26 dB), 1 to 2.5 GHz

≤ 1.20 (≥ 20.83 dB), 2.5 to 5 GHz

≤ 0.04 x √ F (GHz) dB, DC to 5 GHz

- Limitations are possible due to the used cable type -

#### Mechanical Data

Coupling mechanisms

Screw-lock

Centre contact Cable entry Soldered or Crimped

Crimped

#### Environmental Data

Temperature range

RoHS

-65°C to +165°C

compliant

#### Material And Platina

3		
Connector parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating(Nickel underplated)
Body	Brass	Gold plating(Nickel underplated)
Insulator	PTFE	
Crimp ferrules	Brass	Gold plating(Nickel underplated)

#### Suitable Cables

RG 58, RG 58A, RG 58C, RG 141, RG 303, BELDEN 7806A, BELDEN 9907, LMR 195, RNL-195

#### Packing

Single or 100

#### Related Document

Mounting Dimension

MD13

The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only	Kev.:-	Rosnol RF/Microwave Technology www.rosnol.com ; info@rosnol.com	Page
In the effort to improve our products, we reserve the right to make changes judged to be necessary.	Date: 19/11/10	Phone:+886-3-463-5095	1/1