

## Technical Data Sheet

## SMA Straight Bulkhead Cable Jack

## SMA2CA50-G058A/91

<u>SW5.9</u> [.232 Flat]	[.315 HEX.] [.315 HEX.] [.315 HEX.] [.315 HEX.] [.315 HEX.] [.315 HEX.] [.315 HEX.] [.315 HEX.] [.315 HEX.]	ø3.1 [.122 DIA.] [.123 DIA.] [.209 DIA.] [.252 DIA.]		
All dimensions are in mm [inch] Tolerances according to DIN ISO 270	68-mH			
Interface				
According to	IEC 60169-15; MIL-C-39012; N	11L-STD-348A/310		
Electrical Data				
Impedance	50 Ω			
Frequency	DC to 12.4 GHz			
VSWR (Return Loss) ≤ 1.04 (≥ 34.15 dB), DC to 1 GHz				
	≤ 1.05 (≥ 32.26 dB), 1 to 2.5 G			
	$\leq 1.20 \ (\geq 20.83 \ dB), 2.5 \ to 5 \ dB)$			
Insertion Loss	$\leq$ 0.04 x $\sqrt{F}$ (GHz) dB, DC to 5	GHZ		
Limitations are possible due to the used cable	lype -			
Mechanical Data				
Coupling mechanisms	Screw-lock			
Centre contact	Soldered or Crimped			
Cable entry	Crimped			
Environmental Data				
Temperature range	-65°C to +165°C			
RoHS	compliant			
Material And Plating				
Connector parts	Material	Plating		
Centre contact	Beryllium Copper	Gold plating(Nickel under	olated)	
Body	Brass	Gold plating(Nickel under		
Insulator	PTFE			
Crimp ferrules	Copper	Gold plating(Nickel under	plated)	
Fastening nut	Brass	Gold plating(Nickel under		
Washer	Brass	Gold plating(Nickel under		
Suitable Cables		· · · · · · · · · · · · · · · · · · ·		
	RG 58, RG 58A, RG 58C, RG	141, RG 303, BELDEN 7806A, BELDEN 9	907, LMR 19.5	
	RNL-195		,	
Packing				
	Single or 100			
Related Document				
Mounting Dimension	MD19			
he facts and figures herein are carefully co	Nev-	Microwave Technology	Pag	
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