

## Technical Data Sheet

## BNC Straight Bulkhead Cable Jack

## BNC2CA50-G142A/H4

SW16 sealing SW17.5			
	<u>SW16</u> [.630 HEX.] <u>Sealing</u> <u>SW17.5</u> [.689 HEX.]		
		12.7 [.500]	
<u>11.75</u> [.463 Flat] <u>17.5</u> [.689]	19.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3 19.3 1.760]	5.1 1.1 1.1 1.1 1.1 1.1 1.1 1.1	
All dimensions are in mm [inch]			
Tolerances according to DIN ISO 2768-mH Interface			
According to	IEC 61169-8; MIL-C-39012; MIL-STD-348A/	301; CECC 22120	
Electrical Data			
Impedance Frequency	50 Ω DC to 4 GHz		
VSWR (Return Loss)	≤ 1.13 (≥ 24.3 dB), DC to 1 GHz ≤ 1.20 (≥ 20.1 dB), 1 to 4 GHz		
Insertion Loss - Limitations are possible due to the used cable type and ma	≤ 0.05 x √ F (GHz) dB		
Mechanical Data			
Coupling mechanisms Centre contact	Bayonet-lock 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	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 55, RG 142, RG 223, RG 400		
Packing	Single or 100		
Related Document Mounting Dimension	MD7		
The facts and figures herein are carefully compiled to the		echnology	Page
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