

Technical Data Sheet

SMA Straight Bulkhead Cable Jack

SMA2EA50-0141A/9Q

All dimensions are in mm [inch]	10.5 [.414] 15 [.591]	φφ3.65 [.144 DIA.] φφ4.8 [.189 DIA.]
All dimensions are in mm [inch] Interface		
According to	IEC 60169-15; MIL-C-39012;MIL-STD	-348A/310
Electrical Data		
Impedance	50 Ω DC 45 18 CH-	
Frequency VSWR (Return Loss)	DC to 18 GHz ≤ 1.25 (≥ 19.1 dB)	
Insertion Loss	$\leq 0.04 \times \sqrt{F(GHz)} dB$	
<i>Limitations are possible due to the used cable type -</i> Mechanical Data Coupling mechanisms	Screw-lock	
Coupling mechanisms Centre contact	Screw-lock Soldered or Crimped	
Cable entry	Soldered	
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 underplated)
Body	Stainless Steel	Gold plating(Nickel underplated)
Insulator	PTFE	
Gasket	Silicone Rubber	
Fastening nut	Stainless Steel	Gold plating(Nickel underplated)
Washer	Stainless Steel	Gold plating(Nickel underplated)
Suitable Cables Packing	RSR-141, RSF-141, RSF-141-FEP, RSF-14 Single or 100	41-PVC, RG-402, BELDEN 1673A, BELDEN 1673J
Related Document		
Aounting Dimension	MD19	
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