Data Sheet

Between Series Adaptor 33_SMA-SMB-50-1/111_N

Description

Adaptor plug/jack SMA plug (male) / SMB jack (female)

Interface standards Series SMA - IEC 60169-15_MIL-STD-348A/310_CECC 22110 Series SMB - IEC 60169-10_MIL-STD-348A/311_CECC 22130



Technical Data

Electrical Data		
Impedance	50 Ω	
Interface frequency max.	4 GHz	
VSWR	DC - 4 GHz ≤ 1.05 + 0.04 f (GHz)	
Frequency range	4 to 7 GHz	
Return loss	≥ 20 dB	
Mechanical Data		
Number of matings	500	
Weight	0.0064 kg	
Environmental Data		
Operating temperature	-65 °C to 125 °C	
2011/65/EU (RoHS)	compliant	
Material Data		
Interface - SMA plug (male)		
Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	
Interface - SMB jack (female)		
Piece Parts	Material	Surface Plating
Centre contact	Brass	Gold Plating (Nickel underplated)
Outer contact	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Related Documents		
Outline drawing	DOU-00014224	
Ordering Information		
Single package	33_SMA-SMB-50-1/111_NE	



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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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