

COAXIAL ADAPTER, SMA, 50 Ohm, Bulkhead, jack / jack (female / female)

34_SMA-50-0-3/111_N

Properties

- Wide range of different configurations
- Most common interfaces available
- Accurate transitions
- Effective and reliable interconnection solutions
- Appropriate materials



Product configuration		
Interface type	Gender	Standard
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CECC 22110
SMA	jack (female)	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Interface and material data		
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Gasket	FKM (Fluoro elastomer, FPM)	
Fastening nut	Brass	Gold Plating (Nickel underplated)
Washer	Bronze	Gold Plating (Nickel underplated)
SMA		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
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Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

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Electrical Data (frequency related)			
Frequency range	Return loss	VSWR	
0 GHz ... 3 GHz	26 dB	1.1	
3 GHz ... 7 GHz	20 dB	1.2	
7 GHz ... 18 GHz	17 dB	1.3	

Mechanical data	
Weight	0.0068 kg
Mating cycles	500

Environmental data	
Operation temperature	-20 °C ... 165 °C
Ingress protection (IP Rating)	Mated / IP68

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22641297	RoHS 2011/65/EU and (EU) 2015/863	Not compliant	
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22641297	34_SMA-50-0-3/111_NE	Single

Additional Information	
Remarks	Hermetically sealed: leak rate $\leq 10^{-7}$ Torr l/s (atm cc/s) O-ring mount bulkhead feedthrough design, leak rate dependent on environmental condition, typ. $\leq 10^{-6}$ Torr l/s"

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