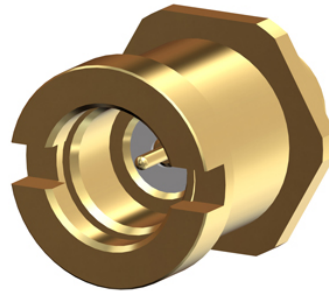


COAXIAL CONNECTOR, SMP, 50 Ohm, Straight bulkhead cable plug (male), smooth bore

14_SMP-50-2-S2/111_N

Properties

- HUBER+SUHNER SMP connectors provide a robust, proven and fully compatible plug-in solution for applications up to 40 GHz.
- High reliability and ease of assembly
- MIL qualified



Product configuration		
Interface type	Gender	Standard
SMP	plug	MIL-STD-348 SMP

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PTFE (Polytetrafluoroethylene)	
Fastening nut	Brass	Gold Plating (Nickel underplated)

Electrical data	
Impedance	50 Ω
Interface frequency	40 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 20 GHz	29 dB	1.07
20 GHz ... 30 GHz	27 dB	1.09
30 GHz ... 40 GHz	20 dB	1.22

Mechanical data	
Weight	0.93 g
Mating cycles	1000
Cable entry centre contact	soldered
Cable entry outer contact	soldered

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Engagement / Disengagement force			
	Engagement		Disengagement
Interface force max	8.9 N		2.22 N
Environmental data			
Operation temperature		-55 °C ... 125 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
80377975	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	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
80377975	14_SMP-50-2-S2/111_NE		Single
Suitable cables			
Cable group	Y3 - 2 mm / 50 Ohm		
	Y16 - 2 mm / 50 Ohm		
	Y11 - 2 mm / 50 Ohm		
	Y36 - 2 mm / 50 Ohm / SR_86_LA_TP		
Suitable cables	MULTIFLEX_86		
Suitable cables	SUCOFORM_86		
	SR_86_LA_TP		
Additional Information			
Only as assembly		No	

HUBER+SUHNER is certified by ISO 9001, ISO 14001, ISO 45001, IATF 16949, AS/EN 9100 and ISO/TS 22163-IRIS. Waiver: Facts and figures herein are for information only and do not represent any warranty of any kind.
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