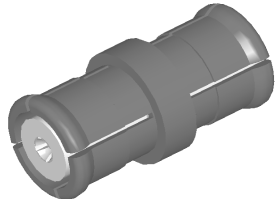


## Product data sheet

<b>Part Number:</b> 3338.SMP.9910.001	Revision: -
<b>Description:</b> adapter (jack - jack)	Date: 12.03.03
	Signature: um
	Page: 1 of 2

<b>Design according to:</b>	<b>MIL-STD-348A</b>
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<u>Electrical characteristics</u>	colored value means: still under test target value		Picture
	Value	Unit	
Impedance ( MIL-C- 39012B)	50	[Ohm]	
Operating frequency up to	10	[GHz]	
Return loss			
1 GHz	36	[dB]	
2 GHz	30	[dB]	
4 GHz	24	[dB]	
6 GHz	22	[dB]	
10 GHz	19	[dB]	
18 GHz		[dB]	
3rd. Order PIM product 2x40dBm	/	[dBc]	
Insulation resistance	5	[GOhm]	
Contact resistance			
Centre contact	<6	[mOhm]	
Outer contact	<2	[mOhm]	
Contact current max. (DC)	1,2	[A]	
Operating voltage	335	[V]	
Proof voltage	500	[V]	

<u>Mechanical characteristics</u>		Value	Unit	Remarks
Engagement force	"smooth bore"	≤ 9,0	[N]	
	"limited detend"	≤ 45	[N]	
Separating force	"smooth bore"	≥ 2,2	[N]	
	"limited detend"	≥ 9,0	[N]	
Mating cycles	"smooth bore"	>1000		
	"limited detend"	> 500		

## Product data sheet

**Part Number:** 3338.SMP.9910.001**Description:** adapter (jack - jack)**Revision:** -  
**Date:** 12.03.03  
**Signature:** um  
**Page:** 2 of 2**Material & plating**Housing  
Centre contact  
Spring basket  
Insulator  
Crimp ferrule  
Gasket**Material**  
brass  
copper beryllium  
copper beryllium  
PTFE  
-  
-**Plating**  
Cu + Ni + 0,2µm Au  
Cu + Ni + 1,3µm Au  
Cu + Ni + 0,8µm Au  
-  
-  
-**Environmental influences**Climatic sequence:  
1. Dry heat  
2. Damp heat, cyclic, 1 cycle  
3. Cold  
4. Damp heat, cyclic, 6 cycles**Standard**  
IEC 60068-2-61  
IEC 60068-2-2-Ba  
IEC 60068-2-30-Db  
IEC 60068-2-1-Aa  
IEC 60068-2-30-Db**Remarks****Notes**

PCB distance 9,8mm

**Update historie**

Rev.	date	Signature