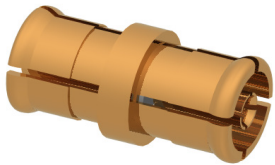


# Product data sheet

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<b>Part Number: 4962.SMPL.9910.003</b>  <b>Description: SMPL-SMPL- Adapter (jack - jack)</b>		<b>Revision: b</b> <b>Date: 23.04.2012</b> <b>Signature: R.Schwär</b>  <b>Page: 1 of 2</b>	
<b>Design according to:</b>		<b>SMP MIL-STD-348A</b> <b>Long-wipe SMP Spec. 17S000-000</b>	
<b>Electrical characteristics:</b>		colored value means: still under test target value	
		Value	Unit
Impedance ( MIL-C- 39012B)		<b>50</b>	[Ω]
Operating frequency up to		<b>...18</b>	[GHz]
Return loss measured with cable typ:		-	-
1 GHz		<b>31</b>	[dB]
2 GHz		<b>29</b>	[dB]
4 GHz		<b>28</b>	[dB]
6 GHz		<b>28</b>	[dB]
12 GHz		<b>25</b>	[dB]
18 GHz		<b>22</b>	[dB]
3rd. Order PIM product 2x43dBm		/	[dBc]
Insulation resistance		<b>≥ 5</b>	[GΩ]
Contact resistance			
Centre contact		<b>≤ 6</b>	[mΩ]
Outer contact		<b>≤ 2</b>	[mΩ]
Contact current max. (DC)		<b>max. 1,2</b>	[A]
Operating voltage		<b>335</b>	[V]
Proof voltage		<b>500</b>	[V]
			Picture
			
			Remarks
		at 910MHz / at 1870 MHz	
<b>Mechanical characteristics:</b>		Value	Unit
Engagement force	"smooth bore"	<b>max. 9</b>	[N]
	"limited detent"	<b>max. 45</b>	[N]
	"full detent"	<b>max. 68</b>	[N]
Disengagement force	"smooth bore"	<b>min. 2,2</b>	[N]
	"limited detent"	<b>min. 9</b>	[N]
	"full detent"	<b>min. 22</b>	[N]
Mating cycles	mating part is "smooth bore"	<b>min. 1000</b>	
	mating part is "limited detent"	<b>min. 500</b>	
	mating part is "full detent"	<b>min. 100</b>	
Wight		<b>0,15</b>	g/pce

