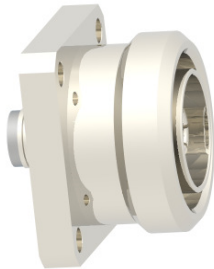


# Product data sheet

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Product data sheet			
Part Number: <b>4872.08.2818.284</b>		Revision: <b>b</b>	
Description: <b>7-16(f) Flange mount cable jack</b>		Date: <b>15.04.2011</b>	
		Signature: <b>R.Schwär</b>	
		Page: 1 of 2	
<u>Design according to:</u>		<b>IEC 169-04 (Type 7/16)</b>	
<b>Electrical characteristics</b>			
colored value means: still under test target value			
	Value	Unit	Picture
Impedance ( MIL-C- 39012B)	<b>50</b>	[Ohm]	
Operating frequency up to	... <b>10</b>	[GHz]	
Return loss measured with cable typ: <b>Flexif. 250-50-FEP</b>		<b>Habia</b>	
1 GHz	<b>38</b>	[dB]	
2 GHz	<b>35</b>	[dB]	
4 GHz	<b>31</b>	[dB]	
6 GHz	<b>25</b>	[dB]	
10 GHz	<b>24</b>	[dB]	
3rd. Order PIM product 2x43dBm	<b>168</b>	[dBc]	
Insulation resistance	<b>5</b>	[GOhm]	
Contact resistance			Remarks
Centre contact	<b>1,0</b>	[mOhm]	at 910MHz / at 1870 MHz
Outer contact	<b>0,25</b>	[mOhm]	
Contact current max. (DC)	<b>12</b>	[A]	
Operating voltage	<b>335</b>	[V]	
Proof voltage	<b>1000</b>	[V]	
<b>Mechanical characteristics</b>			
	Value	Unit	Remarks
Coupling nut retention force	<b>&gt;1000</b>	[N]	
Recommended torque	<b>25-30</b>	[Nm]	
max. torque	<b>35</b>	[Nm]	
Mating cycles	<b>&gt;500</b>		

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## Product data sheet

<b>Part Number:</b> 4872.08.2818.284	<b>Revision:</b> b
<b>Description:</b> 7-16(f) Flange mount cable jack	<b>Date:</b> 15.04.2011
	<b>Signature:</b> R.Schwär
	<b>Page:</b> 2 of 2

<u>Material &amp; plating</u>	Material	Plating
Housing Centre contact Insulator Pre-formed solder part	brass copper beryllium PTFE SN Ag	min. 2µm Cu + min. 3µm Ag min. 2µm Cu + min. 5µm Ag - Flux coating

<u>Environmental influences</u>		Remarks
Operating temperature range	-55°C up to +125°C Standard	
Climatic sequence: 1. Dry heat 2. Damp heat, cyclic, 1 cycle 3. Cold 4. Damp heat, cyclic, 6 cycles	IEC 60068-2-61 IEC 60068-2-2-Ba IEC 60068-2-30-Db IEC 60068-2-1-Aa IEC 60068-2-30-Db	

**Notes**

<u>Update historie</u>		
Rev.	date	Signature
a	23.09.2010	R.Schwär
b	10.09.2013	R.Schwär