


**Product Data Sheet / Produkt Datenblatt**

<b>Part Number</b>	<b>5345.62.2010.005</b>	<b>Teilenummer</b>
<b>Description</b>	<b>N (f) - Flange mount cable jack N (f) - Flansch kabelbuchse</b>	<b>Beschreibung</b>
		
<b>Design according to</b>	<b>IEC 61169-16 (Type N)</b>	<b>Ausführung nach</b>

**Electrical characteristics / Elektrische Eigenschaften**

		colored value means: under validation		
		Value/Wert	Unit/Einheit	
Impedance (MIL-C-39012B)		50	[Ω]	Impedanz (MIL-C-39012B)
Operating frequency up to		10	[GHz]	Betriebsfrequenz bis zu
Return loss				Rückflusdämpfung
	1 GHz	> 40	[dB]	
	2 GHz	> 39	[dB]	
	3 GHz	> 32	[dB]	
	4 GHz	> 28	[dB]	
	6 GHz	> 28	[dB]	
	10 GHz	> 27	[dB]	
3rd. order PIM product:	2x20 W @ 1870 MHz	164	[dBc]	PIM Produkt 3. Ordnung:
Insulation resistance		> 5	[GΩ]	Isolationswiderstand
Contact resistance				Kontakt-Widerstand
Centre contact		≤ 1	[mΩ]	Innenkontakt
Outer contact		≤ 0,25	[mΩ]	Außenkontakt
Contact current max. (DC)		10	[A] DC	Kontakt-Strombelastbarkeit max (DC)
Operating voltage		≥ 335	[VRMS]	Betriebsspannung
Proof voltage		1000	[VRMS]	Prüfspannung

**Mechanical characteristics / Mechanische Eigenschaften**

		Value/ Wert	Unit/Einheit	
Inner conductor freely rotatable				Innenleiter frei drehbar
Inner conductor supplied				Innenleiter beigelegt
Mating cycles		> 500	[N]	Steckzyklen

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**Material & plating / Material & Oberfläche**

	RoHS (2002/95/EC) conform		
	Material/Material	Plating/Oberflächen	
Housing	Brass	0.5-2.5 µm Cu + 2-5 µm CuZnSn	Gehäuse
Contact socket	Copper beryllium	2-4 µm Cu + 5-8 µm Ag + pass.	Innenbuchse
Insulator	PTFE	-	Isolierung

**Environmental influences / Umwelteinflüsse**

Operating temperature range	-55°C up to +125°C	Betriebstemperaturbereich
	Standard	
Climatic sequence:	IEC 60068-2-61	Klimafolge:
1. Dry heat	IEC 60068-2-2-Ba	1. Trockene Hitze
2. Damp heat, cyclic, 1 cycle	IEC 60068-2-30-Db	2. Feuchte Wärme, zyklisch, 1 Zyklus
3. Cold	IEC 60068-2-1-Aa	3. Kälte
4. Damp heat, cyclic, 6 cycles	IEC 60068-2-30-Dd	4. Feuchte Wärme, zyklisch, 6 Zyklen

**Notes / Aufzeichnungen**

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

**Update History**

Rev.	Date	Signature	Alteration
			Formblatt-Nr.: Form-TK-013b
			Rev. 04
			Released 17.04.14