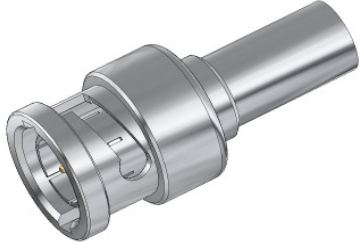


# Product data sheet

IMS CONNECTOR SYSTEMS GmbH  
 Obere Hauptstrasse 30  
 D-79843 Löffingen  
 Postfach 1141  
 D-79840 Löffingen

Tel (+49) 7654 901-0  
 Fax (+49) 7654 901-199  
 Net: www.imscs.com  
 E-mail: sales@imscs.com

<b>Part Number: 550.05.1310.089</b> <b>Description: BNC-Mount plug</b>		Revision: - Date: <b>2010.11.10</b> Signature: <b>Pölz</b> Page: 1 of 2	
<u>Design according to:</u>		<b>IEC 169-08 (Type BNC)</b>	
<u>Electrical characteristics:</u>		colored value means: still under test target value	
	Value	Unit	Picture
Impedance ( MIL-C- 39012B)	<b>75</b>	[ $\Omega$ ]	
Operating frequency up to	<b>1</b>	[GHz]	
Return loss measured with cable typ:	<b>RG-59</b>		
1 GHz	<b>19</b>	[dB]	
3rd. Order PIM product 2x43dBm	<b>/</b>	[dBc]	
Insulation resistance	<b><math>\geq 5</math></b>	[G $\Omega$ ]	
Contact resistance			
Centre contact	<b><math>\leq 1,5</math></b>	[m $\Omega$ ]	
Outer contact	<b><math>\leq 1</math></b>	[m $\Omega$ ]	
Contact current max. (DC)	<b>1,7</b>	[A]	
Operating voltage	<b>500</b>	[V]	
Proof voltage	<b>1000</b>	[V]	
<u>Mechanical characteristics:</u>		Remarks at 910MHz / at 1870 MHz	
	Value	Unit	Remarks
Coupling torque	<b>max. 0,25</b>	[Nm]	
Mating Cycles	<b>&gt;500</b>		

**Product data sheet**

IMS CONNECTOR SYSTEMS GmbH  
 Obere Hauptstrasse 30  
 D-79843 Löffingen  
 Postfach 1141  
 D-79840 Löffingen

Tel (+49) 7654 901-0  
 Fax (+49) 7654 901-199  
 Net: www.imscs.com  
 E-mail: sales@imscs.com

<b>Part Number:</b> 550.05.1310.089	Revision: -
<b>Description:</b> BNC-Mount plug	Date: <b>2010.11.10</b>
	Signature: <b>Pölz</b>
	Page: 2 of 2

<b>Material &amp; plating:</b>	<b>RoHS (2002/95/EC) conform</b>	
	Material	Plating
	Body	<b>Brass</b>
	Centre contact	<b>Copper beryllium</b>
Insulator	<b>PTFE</b>	<b>Nickel</b>
		<b>Gold</b>
		-

<b>Environmental influences:</b>		
Operating temperature range	-55°C up to +155°C	Remarks
Climatic sequence:	Standard	
1. Dry heat	IEC 60068-2-61	
2. Damp heat, cyclic, 1 cycle	IEC 60068-2-2-Ba	
3. Cold	IEC 60068-2-30-Db	
4. Damp heat, cyclic, 6 cycles	IEC 60068-2-1-Aa	
Solder profile:	IEC 60068-2-30-Db	
	-	

**Notes:**

<b>Update historie</b>			
Rev.	Date	Alteration	Signature