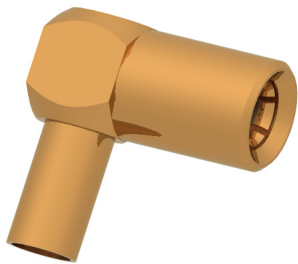


# Product data sheet

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: 93.2420.021</b> <b>Description: Cable mount angle jack</b>		Revision: - Date: <b>13.11.2008</b> Signature: <b>R.Schwär</b> Page: 1 of 2	
<b>Design according to:</b>		<b>IEC 169-10 (Type SMB)</b>	
<b>Electrical characteristics</b>		colored value means: still under test target value	
	Value	Unit	Picture
Impedance ( MIL-C- 39012B)	<b>50</b>	[ $\Omega$ ]	
Operating frequency up to	<b>...4</b>	[GHz]	
Return loss measured with cable typ:	<b>RG316/U</b>	-	
1 GHz	<b>30</b>	[dB]	
2 GHz	<b>25</b>	[dB]	
4 GHz	<b>13</b>	[dB]	
6 GHz	-	[dB]	
10 GHz	-	[dB]	
18 GHz	-	[dB]	
3rd. Order PIM product 2x43dBm	/	[dBc]	
Insulation resistance	<b>5</b>	[G $\Omega$ ]	
Contact resistance			
Centre contact	<b>5,0</b>	[m $\Omega$ ]	
Outer contact	<b>2,5</b>	[m $\Omega$ ]	
Contact current max. (DC)	<b>1,4</b>	[A]	
Operating voltage	<b>335</b>	[V]	
Proof voltage	<b>1000</b>	[V]	
<b>Mechanical characteristics</b>		Value	Unit
Engagement force	<b>max. 63</b>	[N]	Remarks
Separating force	<b>min. 8 / max. 63</b>	[N]	
Mating cycles	<b>&gt;500</b>		

