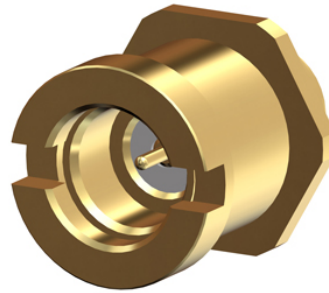


**14\_SMP-50-2-S2/111\_N**

14\_SMP-50-2-S2/111\_N

**Properties****Product configuration**

Interface type	Gender	Standard
SMP	plug	MIL-STD-348 SMP

**Interface and material data**

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Brass	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PTFE (Polytetrafluoroethylene)	
Fastening nut	Brass	Gold Plating (Nickel underplated)

**Electrical data**

Impedance	50 $\Omega$
Interface frequency	40 GHz

**Electrical Data (frequency related)**

Frequency range	Return loss	VSWR
0 GHz ... 20 GHz	29 dB	1.07
20 GHz ... 30 GHz	27 dB	1.09
30 GHz ... 40 GHz	20 dB	1.22

**Mechanical data**

Weight	0.00093 kg
Mating cycles	1000
Cable entry centre contact	soldered
Cable entry outer contact	soldered

**14\_SMP-50-2-S2/111\_N**

14\_SMP-50-2-S2/111\_N

<b>Environmental data</b>	
Operation temperature	-55 °C ... 125 °C
<b>Ordering Information Table</b>	
Item number	Item description
80377975	14_SMP-50-2-S2/111_NE
<b>Suitable cables</b>	
Cable group	Y3 - 2 mm / 50 Ohm
	Y16 - 2 mm / 50 Ohm
	Y11 - 2 mm / 50 Ohm
<b>Additional Information</b>	
Only as assembly	No

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