

**COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)**

11\_SMA-50-0-150/033\_-

**Properties**

- IEC 61169-54 / Connector for use in SPJ/CPJ Assembly
- Applicable up to 6 GHz
- Excellent PIM and RL independent of torque
- Screwed coupling mechanism for sturdy and reliable connection



Product configuration		
Interface type	Gender	Standard
SMA	plug	IEC 61169-16 / Connector for use with SPJ/CPJ Assembly

Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Silver Plating
Outer conductor	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 $\Omega$
Interface frequency	6 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0.38 GHz ... 1 GHz	36 dB	1.032
1.7 GHz ... 2.7 GHz	33 dB	1.046
3.8 GHz ... 6 GHz	26 dB	1.106

Mechanical data	
Weight	0.009 kg
Mating cycles	500
Cable entry centre contact	plugged

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**Mechanical data**

Cable entry outer contact	clamped
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**Environmental data**

Operation temperature	-65 °C ... 165 °C
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**Ordering Information Table**

Item number	Item description	Packaging type
85086064	11_SMA-50-0-150/033_-E	Single

**Suitable cables**

Cable group	Z1 - M10x1/SPJ-CPJ
Suitable cables	SPJ_SM141L_PCC
	SPJ_SM222L_PCC
	SPJ_SM122L_PCC
Additional cables	SPJ/CPJ assemblies

**Additional Information**

Remarks	Only in combination with SPJ/PCC assemblies
Only as assembly	No

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