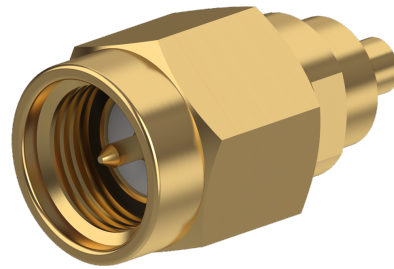


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)

11_SMA-50-1-59/111_U

Properties

- Non-magnetic
- For cryogenic applications
- Excellent return loss
- Mechanical intermateable with PC 3.5 (3.5 mm standard) and SK (2.92 mm standard)
- Operating frequency up to 18 GHz

**Product configuration**

Interface type	Gender	Standard
SMA	plug	IEC 60169-15_MIL-STD-348A/310_CECC 22110

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer conductor	Copper Beryllium Alloy	Gold Plating
Body	Copper Beryllium Alloy	Gold Plating
Other body part	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Copper Beryllium Alloy	Gold Plating
Gasket	VMQ (Silicone rubber)	

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Mechanical data

Weight	0.003 kg
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	soldered

Environmental data

Operation temperature	-65 °C ... 165 °C
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COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable plug (male)
11_SMA-50-1-59/111_U

Ordering Information Table	
Item number	Item description
85254825	11_SMA-50-1-59/111_UE
Suitable cables	
Cable group	Y19 - 1 mm / 50 Ohm
Suitable cables	SR_34_TP_M17
Additional Information	
Only as assembly	No

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DOCUMENT PIM-P57137 / Date of publication: 24.11.2025 / uncontrolled copy