

**COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable jack (female)**

21\_SMA-50-1-2/111\_N

**Properties**

- Excellent return loss
- Intermateable with PC3.5 and SK
- Applicable in frequencies up to 18 GHz



Product configuration		
Interface type	Gender	Standard
SMA	jack	IEC 60169-15_MIL-STD-348A/310_CECC 22110
Interface and material data		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer conductor	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Electrical data		
Impedance	50 $\Omega$	
Interface frequency	18 GHz	
Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	35 dB	1.036
2.5 GHz ... 6 GHz	30 dB	1.065
6 GHz ... 18 GHz	25 dB	1.119
Mechanical data		
Weight	0.0015 kg	
Mating cycles	500	
Cable entry centre contact	soldered	
Cable entry outer contact	soldered	

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Environmental data	
Operation temperature	-65 °C ... 125°C

Ordering Information Table		
Item number	Item description	Packaging type
22642386	21_SMA-50-1-2/111_NE	Single

Suitable cables	
Cable group	Y2 - 1 mm / 50 Ohm Y15 - 1 mm / 50 Ohm
Suitable cables	SUCOFORM_47_CU SR_47_TP_M17

Additional Information	
Only as assembly	No

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