

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

21_SMA-50-3-15/111_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 Ω	
Interface frequency	18 GHz	
Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	40 dB	1.02
2.5 GHz ... 5 GHz	34 dB	1.04
12.4 GHz ... 18 GHz	20 dB	1.23
Mechanical data		
Weight	0.0019 kg	
Mating cycles	500	
Cable entry centre contact	soldered	
Cable entry outer contact	soldered	

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Environmental data	
Operation temperature	-65 °C ... 165°C

Ordering Information Table		
Item number	Item description	Packaging type
22544550	21_SMA-50-3-15/111_NE	Single
22645042	21_SMA-50-3-15/111_NH	Bulk 100 pcs

Suitable cables	
Cable group	Y5 - 3 mm / 50 Ohm
	Y17 - 3 mm / 50 Ohm
	Y12 - 3 mm / 50 Ohm
Suitable cables	MULTIFLEX_141
	SUCOFORM_141

Additional Information	
Only as assembly	No

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