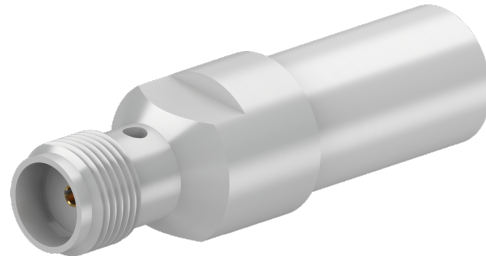


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight cable jack (female)

21_SMA-50-4-52/133_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	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Crimp ferrule	Copper	SUCOPLATE (R) Plating

Electrical data

Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0.1 GHz ... 2 GHz	27 dB	1.094
2 GHz ... 4 GHz	23.5 dB	1.143
4 GHz ... 6 GHz	22.4 dB	1.164

Mechanical data

Weight	0.0058 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	crimped

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22644409	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table		
Item number	Item description	Packaging type
22644409	21_SMA-50-4-52/133_NE	Single

Suitable cables	
Cable group	X9 - 4 mm / 50 Ohm
	X28 - 4 mm / 50 Ohm
	SI6 - 4 mm / 50 Ohm
Suitable cables	S_04272_B
Suitable cables	SPUMA_240
	SPUMA_240-FR-01
	SPUMA_240-FR-AM
Additional cables	S_04262B-01

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22646290	74_Z-0-0-264	Trimming tool
23036529	76_Z-0-4-18	Crimping dies
84072013	74_Z-0-0-472	Assembly tool

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