

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

24_SMA-50-2-100/111_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-26.5GHz	jack	HUBER+SUHNER-SMA-26.5GHz

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	PTFE (Polytetrafluoroethylene)	
Gasket	VMQ (Silicone rubber)	
Fastening nut	Brass	Gold Plating (Nickel underplated)
Washer	Bronze	Gold Plating (Nickel underplated)

Electrical data

Impedance	50 Ω
Interface frequency	26.5 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 2.5 GHz	32 dB	1.06
2.5 GHz ... 5 GHz	28 dB	1.09
5 GHz ... 12.4 GHz	18 dB	1.29
12.4 GHz ... 18 GHz	16 dB	1.4

Mechanical data

Weight	0.0038 kg
Mating cycles	500
Cable entry centre contact	soldered

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Mechanical data		
Cable entry outer contact		soldered
Environmental data		
Operation temperature		-65 °C ... 165°C
Ordering Information Table		
Item number	Item description	Packaging type
22648727	24_SMA-50-2-100/111_NE	Single
Suitable cables		
Cable group	Y3 - 2 mm / 50 Ohm	
	Y16 - 2 mm / 50 Ohm	
	Y11 - 2 mm / 50 Ohm	
Suitable cables	SR_86_TP_M17	
	MULTIFLEX_86	
	SUCOFORM_86	
Additional Information		
Only as assembly		No

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