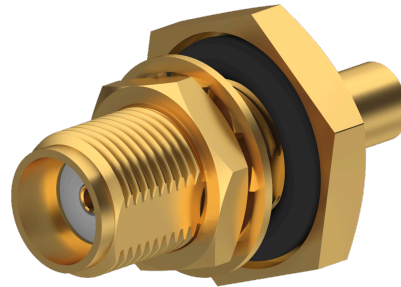


COAXIAL CONNECTOR, SMA, 50 Ohm, Straight bulkhead cable jack (female)

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

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

24_SMA-50-2-100/111_N

Mechanical data	
Cable entry outer contact	soldered

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22648727	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
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	SUCOFORM_86
	MULTIFLEX_86
	SR_86_TP_M17

Additional Information	
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544559	74_Z-0-0-60	Support
22544558	74_Z-0-0-59	Support
22544557	74_Z-0-0-58	Assembly tool
22544555	74_Z-0-0-54	Holders
22648904	74_Z-0-0-263	Gauges
22648903	74_Z-0-0-262	Gauges
22648902	74_Z-0-0-261	Assembly tool
22643029	74_Z-0-0-157	Cable stripping tool
23029962	74_Z-0-0-379	

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DOCUMENT PIM-P2576 / Date of publication: 11.07.2025 / uncontrolled copy