

COAXIAL CONNECTOR, SMPM, 50 Ohm, Right angle cable jack (female)

26_SMPM-50-1-3/111_N

Properties

- Best performance-to-price ratio
- Excellent RF performance up to 65 GHz
- Small size, compact form factor
- Snap-on coupling mechanism with full detent and smooth bore
- Board-to-board solutions with bullets for axial and radial float



Product configuration

Interface type	Gender	Standard
SMPM	jack	MIL-STD-348B

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer conductor	Copper Beryllium Alloy	SUCOPRO Plating
Body	Brass	SUCOPRO Plating
Insulator	PTFE (Polytetrafluoroethylene)	

Electrical data

Impedance	50 Ω
Interface frequency	65 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 4 GHz	22 dB	1.17
4 GHz ... 10 GHz	15 dB	1.43

Mechanical data

Weight	0.55 g
Mating cycles	500
Cable entry centre contact	soldered
Cable entry outer contact	crimped

Engagement / Disengagement force

	Engagement	Engagement	Disengagement	Disengagement
Interface class	Full detent	Smooth bore	Full detent	Smooth bore

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Engagement / Disengagement force				
	Engagement	Engagement	Disengagement	Disengagement
Interface force typical	20 N	11 N	29 N	6.7 N
Interface class	The force is determined by the counterpart			
Interface force typical				

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

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85256786	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
85274833	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
85256786	26_SMPM-50-1-3/111_NE	Single
85274833	26_SMPM-50-1-3/111_NH	Bulk 100 pcs

Suitable cables	
Cable group	U1 - 1 mm / 50 Ohm
Suitable cables	RG_178_B/U

Additional Information	
Remarks	The values provided are typical and may vary depending on factors such as the mating connector, cable type, and assembly condition. Mating force and mating cycles are determined by the mating connector (full detent or smooth bore). Mating cycles: full detent: 100 smooth bore: 500
Only as assembly	No

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DOCUMENT PIM-P60680 / Date of publication: 08.12.2025 / uncontrolled copy