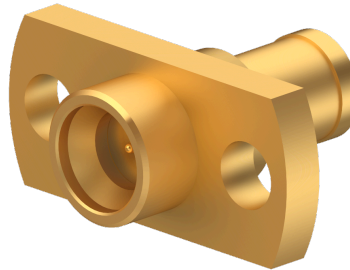


# COAXIAL CONNECTOR, SMPM, 50 Ohm, Straight panel cable plug (male), flange mount, full detent

15\_SMPM-50-2-F1/111\_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	plug	MIL-STD-348B

## Interface and material data

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

## Electrical data

Impedance	50 $\Omega$
Interface frequency	65 GHz

## Mechanical data

Weight	0.7 g
Mating cycles	100
Cable entry centre contact	plugged
Cable entry outer contact	soldered

## Engagement / Disengagement force

	Engagement	Disengagement
Interface class	Full detent	Full detent
Interface force typical	20 N	29 N

## Environmental data

Operation temperature	-65 °C ... 165 °C
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Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85257168	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
85257168	15_SMPM-50-2-F1/111_NE	Single

Suitable cables	
Cable group	Y11 - 2 mm / 50 Ohm
Suitable cables	MULTIFLEX_86
	MULTIFLEX_86_HE

Additional Information	
Remarks	The values provided are typical and may vary depending on factors such as the mating connector, cable type, and assembly condition.
Only as assembly	No

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