

COAXIAL CONNECTOR, PC 1.85, 50 Ohm, Straight cable plug (male)

11_PC185-50-2-4/19-_NE

Properties

- Best electrical performance and excellent mechanical stability
- Extreme reliability
- Particularly well suited for semi-rigid, semi-flex and flexible cable
- Mechanical intermateable with PC 1.85 (1.85 mm standard)

**Product configuration**

Interface type	Gender	Standard
PC 1.85	plug	IEC 61169-32

Interface and material data

Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO / Gold Plating
Outer conductor	Stainless steel	Passivated (Plating)
Body	Stainless steel	Passivated (Plating)
Insulator	LCP (Liquid crystal polymer)	
Coupling nut	Stainless steel	Passivated (Plating)

Electrical data

Impedance	50 Ω
Interface frequency	67 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 50 GHz	24 dB	1.135
50 GHz ... 67 GHz	20 dB	1.222

Mechanical data

Weight	0.0055 kg
Mating cycles	500
Cable entry centre contact	plugged
Cable entry outer contact	soldered

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Environmental data	
Operation temperature	-40 °C ... 70 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84144282	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
84144282	11_PC185-50-2-4/19-_NE	Single

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

Additional Information	
Remarks	Extended temperature range to - 55°C .. +155°C if the taper sleeve 78_Z-0-2-1 (loose part, see outline drawing DOU-00235066) is not assembled.
Only as assembly	No

Suitable tools		
Item number	Item description	Type of tool
22544616	74_Z-0-0-66	Locator
23024588	74_Z-0-0-442	Soldering tool

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