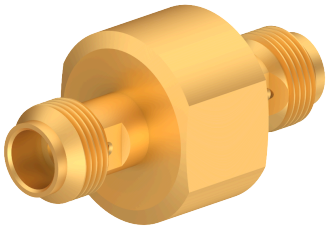
DATA SHEET

COAXIAL ADAPTER, PC 1, 50 Ohm, jack / jack (female / female)

31_PC1-50-0-1/111_UE

Properties

- Precision interfaces
- Excellent electrical performance
- Premium base materials and platings



Product configuration		
Interface type	Gender	Standard
PC 1	jack (female)	IEEE 287:2007
PC 1	jack (female)	IEEE 287:2007

Interface and material data		
PC 1		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PEEK (Polyether-etherketone)	
PC 1		
Piece parts	**Material**	**Plating**
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PEEK (Polyether-etherketone)	

Electrical data	
Impedance	50 Ω
Interface frequency	110 GHz

Electrical Data (frequency related)		
Frequency range	**Return loss**	**VSWR**
0 GHz ... 50 GHz	20 dB	1.222
50 GHz ... 75 GHz	17.5 dB	1.308
75 GHz ... 110 GHz	16 dB	1.377

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Mechanical data	
Weight	0.004 kg
Mating cycles	100

Environmental data	
Operation temperature	15 °C ... 30 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
85031727	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
85031727	31_PC1-50-0-1/111_UE	Single

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