

COAXIAL ADAPTER, PC 1, 50 Ohm, plug / plug (male / male)
32_PC1-50-0-1/11-_UE

Properties

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



Product configuration		
Interface type	Gender	Standard
PC 1	plug (male)	IEEE 287:2007
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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)	
Coupling nut	Stainless steel	Passivated (Plating)
PC 1		
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Coupling nut	Stainless steel	Passivated (Plating)

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

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Electrical Data (frequency related)			
Frequency range		Return loss	VSWR
75 GHz ... 110 GHz		16 dB	1.377
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
85031743	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
85031743	32_PC1-50-0-1/11-_UE		Single

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