

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)
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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	
Ordering Information Table		
Item number	Item description	Packaging type
85031743	32_PC1-50-0-1/11-_UE	Single

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