

COAXIAL ADAPTER, PC 1.85, 50 Ohm, plug / jack (male / female)

33_PC185-50-0-1/199_NE

Properties

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

**Product configuration**

Interface type	Gender	Standard
PC 1.85	plug (male)	IEC 60169-32
PC 1.85	jack (female)	IEC 60169-32

Interface and material data

PC 1.85		
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)
PC 1.85		
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)	

Electrical data

Impedance	50 Ω
Interface frequency	67 GHz

Electrical Data (frequency related)

Frequency range	Return loss	VSWR
0 GHz ... 30 GHz	28 dB	1.083
30 GHz ... 50 GHz	25 dB	1.119

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Electrical Data (frequency related)			
Frequency range		Return loss	VSWR
50 GHz ... 67 GHz		23 dB	1.152
Mechanical data			
Weight		0.0056 kg	
Mating cycles		500	
Environmental data			
Operation temperature		-55 °C ... 155 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
84019546	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
Ordering Information Table			
Item number	Item description		
84019546	33_PC185-50-0-1/199_NE		

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