

COAXIAL ADAPTER, PC 7 - PC 3.5, 50 Ohm, plug / plug (male / male)
32_PC7-PC35-50-1/1--_U

Properties

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





Product configuration		
Interface type	Gender	Standard
PC 7	plug (male)	IEEE STD 287_ANSI C 16.43
PC 3.5	plug (male)	IEC 60169-23

Interface and material data		
PC 7		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
PC 3.5		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer conductor	Stainless steel	
Body	Stainless steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Bronze	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Electrical data	
Impedance	50 Ω
Interface frequency	18 GHz

Electrical Data (frequency related)		
Frequency range	Return loss	VSWR
0 GHz ... 15 GHz	32 dB	1.05

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Electrical Data (frequency related)			
Frequency range		Return loss	VSWR
15 GHz ... 18 GHz		27 dB	1.09
Mechanical data			
Weight		0.0495 kg	
Mating cycles		500	
Environmental data			
Operation temperature		-55 °C ... 70 °C	
Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22644230	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
22644230	32_PC7-PC35-50-1/1--_UE		Single
Additional Information			
Remarks		Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C	

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