

COAXIAL ADAPTER, PC 7 - PC 3.5, 50 Ohm, plug / jack (male / female)
33_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	jack (female)	IEC 60169-23

Interface and material data		
PC 7		
Piece parts	Material	Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
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	

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
15 GHz ... 18 GHz	27 dB	1.09

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Mechanical data	
Weight	0.0476 kg
Mating cycles	500

Environmental data	
Operation temperature	-55 °C ... 70 °C

Material compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22644231	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
22644231	33_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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