Data Sheet

Between Series Adaptor
32_PC7-PC35-50-1/1--_U

Description

Adaptor plug/plug
PC 7 plug (male) / PC 3.5 plug (male)

For Test & Measurement applications
Precision adaptor

Interface standards
Series PC 7 - IEEE STD 287_ANSI C 16.43
Series PC 3.5 - IEC 60169-23



Technical Data

Electrical Data

Impedance	50 Ω	
Interface frequency max.	18 GHz	
Frequency range	DC to 15 GHz	15 to 18 GHz
Return loss	≥ 32 dB	≥ 27 dB
Electrical length	35.99 mm	

Mechanical Data

Number of matings	500
Weight	0.0495 kg

Environmental Data

Operating temperature	-55 °C to 70 °C
2011/65/EC (RoHS)	compliant

Material Data

Interface - PC 7 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - PC 3.5 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Bronze	SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)	

Related Documents

Catalogue drawing	DCA-00014451

Ordering Information

Single package	32_PC7-PC35-50-1/1--_UE

Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C

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Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.