Data Sheet

HUBER+SUHNER Excellence in Connectivity Solutions

Between Series Adaptor 33_PC7-PC35-50-1/1--_U

Description

Adaptor plug/jack

PC 7 plug (male) / PC 3.5 jack (female)

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

 Return loss
 ≥ 32 dB

Electrical length 35.97 mm

Mechanical Data

Number of matings 500 Weight 0.0476 kg

Environmental Data

Operating temperature $$-55\ ^{\circ}\text{C}$$ to 70 $^{\circ}\text{C}$$ 2011/65/EU (RoHS) compliant

Material Data

Interface - PC 7 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
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

15 to 18 GHz

≥ 27 dB

Interface - PC 3.5 jack (female)

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	

Ordering Information

Single package 33_PC7-PC35-50-1/1--_UE

Remarks

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

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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