

# HUBER+SUHNER® DATA SHEET

## Between Series Adapter: 33\_PC7-PC35-50-1/1--\_U

Rev.: C



### Description

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

Interface standards  
IEEE STD 287\_ANSI C 16.43



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$	
Interface frequency max.	18 GHz	
Frequency range	DC to 15 GHz	15 to 18 GHz
Return loss	$\geq 32$ dB	$\geq 27$ dB
Electrical Length	35.97 mm +/- 0.1	

#### Mechanical Data

Number of matings	500
Weight	0.0476 kg

#### Environmental Data

Operating Temperature	-55 °C to 70 °C
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts (PC 7)

Centre contact	Material
Outer contact	Copper Beryllium Alloy
Body	Brass
Insulator	Brass
Coupling nut	Air Dielectric - Bead - PPH
	Brass

##### Piece Parts (PC 3.5)

Centre contact	Material
Outer contact	Copper Beryllium Alloy
Body	Stainless Steel
Insulator	Stainless Steel
	Air Dielectric - Bead - PPH

##### Surface Plating

SUCOPRO Plating  
Gold Plating (without Nickel underplating)  
Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

##### Surface Plating

Gold Plating (without Nickel underplating)

### Related Documents

Catalogue drawing	DCA-00014262
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### Ordering Information

Single package	33_PC7-PC35-50-1/1--_UE
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HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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