

# HUBER+SUHNER® DATA SHEET

## Within Series Adaptor: 33\_PC35-50-0-2/199\_N

### Description

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

For Test & Measurement applications  
Precision adaptor

Interface standard  
Series PC 3.5 - IEC 60169-23



### Technical Data

#### Electrical Data

Impedance	50 Ω		
Interface frequency max.	33 GHz		
Frequency range	DC to 1.5 GHz	1.5 to 6 GHz	6 to 18 GHz
Return loss	≥ 35 dB	≥ 30 dB	≥ 20 dB
Electrical Length	25.5 mm +/- 0.2		

#### Mechanical Data

Number of matings	500
Weight	0.0064 kg

#### Environmental Data

Operating Temperature	-60 °C to 100 °C
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts

##### Interface - PC 3.5 plug (male)

	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PS	
Coupling nut	Stainless Steel	

##### Interface - PC 3.5 jack (female)

Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PS	

#### Related Documents

Outline drawing	DOU-00013875
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#### Ordering Information

Single package	33_PC35-50-0-2/199_NE
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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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