#### **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

## Within Series Adaptor 33\_PC35-50-0-1/199\_U

#### **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



#### **Electrical Data**

 Impedance
 50 Ω

 Interface frequency max.
 33 GHz

 Frequency range
 DC to 18 GHz

 Return loss
 ≥ 28 dB

Electrical length 14.1 mm

**Mechanical Data** 

Number of matings 500
Weight 0.0039 kg

**Environmental Data** 

Operating temperature -60 °C to 100 °C 2011/65/EU (RoHS) compliant

#### **Material Data**

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	PS (Polystyrene)	
Coupling nut	Stainless Steel	
Gasket	VMQ (Silicone rubber)	

18 to 26.5 GHz

≥ 23 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	PS (Polystyrene)	

#### **Related Documents**

Outline drawing DOU-00013727

#### **Ordering Information**

Single package 33\_PC35-50-0-1/199\_UE

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

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