# **Data Sheet**

# Within Series Adaptor 31\_PC35-50-0-1/199\_U

### **Description**

Adaptor jack/jack PC 3.5 jack (female) / 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 Interface frequency max.	50 Ω 33 GHz
Frequency range Return loss	DC to 18 GHz ≥ 28 dB
Electrical length	14.1 mm
Mechanical Data	
Number of matings	500
Weight	0.0034 kg
Environmental Data	

#### Operating temperature

Operating temperature	-65 °C to 90 °C
2011/65/EU (RoHS)	compliant

#### **Material Data**

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	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	PS (Polystyrene)	
Interface - PC 3.5 jack (female)		
Interface - PC 3.5 jack (female)		
Interface - PC 3.5 jack (female) Piece Parts	Material	Surface Plating
<b>, , ,</b>	<b>Material</b> Copper Beryllium Alloy	Surface Plating Gold Plating (without Nickel underplating)
Piece Parts		-
Piece Parts Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

18 to 26.5 GHz ≥ 23 dB

#### Related Documents

Catalogue drawing

DCA-00013819

## **Ordering Information**

Single package

31 PC35-50-0-1/199 UE

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