# **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





 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 33 \ \text{GH} \end{array}$ 

 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 0.0034 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -65 °C to 90 °C 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)	

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	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	PS (Polystyrene)	

### **Related Documents**

Catalogue drawing DCA-00013819

**Ordering Information** 

Single package 31 PC35-50-0-1/199 UE

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