

## 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



### Technical Data

#### Electrical Data

Impedance	50 Ω	
Interface frequency max.	33 GHz	
Frequency range	DC to 18 GHz	18 to 26.5 GHz
Return loss	≥ 28 dB	≥ 23 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 - including 2015/863 and 2017/2102)	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)	

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
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### Ordering Information

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