

## 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		

#### Mechanical Data

Number of matings	500
Weight	0.0064 kg

#### Environmental Data

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

Interface - PC 3.5 plug (male)

Piece Parts	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)

Piece Parts	Material	Surface Plating
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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