

## Between Series Adaptor 31\_N-PC35-50-1/1--\_U

### Description

Adaptor jack/jack  
N-precision jack (female) / PC 3.5 jack (female)

For Test & Measurement applications  
Precision adaptor

Interface standards  
Series N-precision - IEC 60169-16\_MIL-STD-348A/402\_CECC 22210  
Series PC 3.5 - IEC 60169-23



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$	
Interface frequency max.	18 GHz	
Frequency range	DC to 12.4 GHz	12.4 to 18 GHz
Return loss	$\geq 26$ dB	$\geq 23$ dB
Electrical length	33.5 mm	

#### Mechanical Data

Number of matings	500
Weight	0.0331 kg

#### Environmental Data

Operating temperature	-55 °C to 70 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - N-precision 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	Air Dielectric - Bead - PPH	

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		

### Related Documents

Catalogue drawing	DCA-00014594
-------------------	--------------

### Ordering Information

Single package	31_N-PC35-50-1/1--_UE
----------------	-----------------------

### Remarks

Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C