

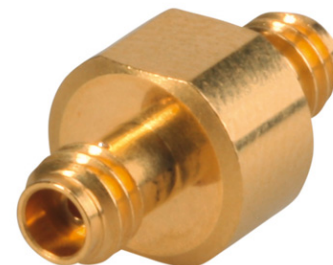
## Within Series Adaptor 31\_PC1-50-0-1/111\_UE

### Description

Adaptor jack/jack  
PC 1 jack (female) / PC 1 jack (female)

For Test & Measurement applications  
Precision adaptor

Interface standard  
Series PC 1 - IEEE 287:2007



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
Interface frequency max.	110 GHz		
Frequency range	DC to 50 GHz	50 to 75 GHz	75 to 110 GHz
Return loss	$\geq 20$ dB	$\geq 17.5$ dB	$\geq 16$ dB

#### Mechanical Data

Number of matings	100
Weight	0.004 kg

#### Environmental Data

Operating temperature	15 °C to 30 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - PC 1 jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Body	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Insulator	PEEK (Polyether-etherketone)	

Interface - PC 1 jack (female)

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### Related Documents

Outline drawing	DOU-00288033
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### Ordering Information

Single package	31_PC1-50-0-1/111_UE
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