

## Within Series Adaptor 33\_PC185-50-0-1/199\_NE

### Description

Adaptor plug/jack  
PC 1.85 plug (male) / PC 1.85 jack (female)

For Test & Measurement applications  
Precision adaptor

Interface standard  
Series PC 1.85 - IEC 60169-32



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
Interface frequency max.	67 GHz		
Frequency range	DC to 30 GHz	30 to 50 GHz	50 to 67 GHz
Return loss	$\geq 28$ dB	$\geq 25$ dB	$\geq 23$ dB

#### Mechanical Data

Number of matings	500
Weight	0.0056 kg

#### Environmental Data

Operating temperature	-55 °C to 155 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - PC 1.85 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO / Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	LCP (Liquid crystal polymer)	
Coupling nut	Stainless Steel	Passivated (Plating)

Interface - PC 1.85 jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO / Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	LCP (Liquid crystal polymer)	

### Related Documents

Outline drawing	DOU-00282086
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### Ordering Information

Single package	33_PC18-50-0-1/199NE
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