

## Between Series Adaptor 33\_PC7-SMA-50-1/1--\_U

### Description

Adaptor plug/jack  
PC 7 plug (male) / SMA-precision jack (female)

For Test & Measurement applications  
Precision adaptor

Interface standards  
Series PC 7 - IEEE STD 287\_ANSI C 16.43  
Series SMA-precision - IEC 60169-15\_MIL-STD-348A/405\_CECC 22110



### Technical Data

#### Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz ≤ 1.04 + 0.004 f (GHz)

#### Mechanical Data

Number of matings	500
Weight	0.0398 kg

#### Environmental Data

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

#### Material Data

Interface - PC 7 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Gold Plating (without Nickel underplating)
Body	Brass	Gold Plating (without Nickel underplating)
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating

Interface - SMA-precision 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	Air Dielectric - Bead - PPH	

### Related Documents

Catalogue drawing	DCA-00014262
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### Ordering Information

Single package	33_PC7-SMA-50-1/1--_UE
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### Remarks

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