## **Data Sheet**

# Between Series Adaptor 33\_N-SMA-50-51/1--\_N

#### **Description**

Adaptor plug/jack N-precision plug (male) / SMA-precision jack (female)

For Test & Measurement applications Precision adaptor

Interface standards Series N-precision - IEC 60169-16\_MIL-STD-348A/402\_CECC 22210 Series SMA-precision - IEC 60169-15\_MIL-STD-348A/405\_CECC 22110



#### **Technical Data**

Electrical Data Impedance Interface frequency max. VSWR Electrical length Mechanical Data Number of matings Weight	50 Ω 18 GHz DC - 18 GHz ≤ 1.025 + 0.007 f (GHz) 40.94 mm 500 0.0417 kg	
Environmental Data Operating temperature 2011/65/EU (RoHS)	-55 °C to 70 °C compliant	
Material Data Interface - N-precision plug (male)		
Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
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 (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	Air Dielectric - Bead - PPH	
Related Documents		
Catalogue drawing	DCA-00014311	
Ordering Information		
Single package	33_N-SMA-50-51/1NE	
Remarks		
Operating specification acc. IEEE Std 287: temperature 13 °C to 33 °C Insertion loss: < 0.06 dB up to 18 GHz		



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