

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	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz $\leq 1.025 + 0.007 f \text{ (GHz)}$
Electrical length	40.94 mm

Mechanical Data

Number of matings	500
Weight	0.0417 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 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
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Ordering Information

Single package	33_N-SMA-50-51/1--_NE
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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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