

Between Series Adaptor 33_SMA-N-50-51/1--_N

Description

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

Precision adaptor
For Test & Measurement applications

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



Technical Data

Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz $\leq 1.025 + 0.007 f$ (GHz)
Electrical length	35.01 mm

Mechanical Data

Number of matings	500
Weight	0.0351 kg

Environmental Data

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

Material Data

Interface - SMA-precision plug (male)

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	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	Air Dielectric - Bead - PPH	

Related Documents

Catalogue drawing	DCA-00014239
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Ordering Information

Single package	33_SMA-N-50-51/1--_NE
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Remarks

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

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Mouser Electronics

Authorized Distributor

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