Data Sheet

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

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 ≤ 1.025 + 0.007 f (GHz)
Electrical length	34.99 mm

Mechanical Data

Number of matings	500
Weight	0.0333 kg

Environmental Data

Operating temperature	-55 °C to 70 °C
2011/65/EC (RoHS)	compliant

Material Data

Interface - SMA-precision plug (male)

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

Interface - N-precision jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Stainless Steel	Passivated (Plating)
Insulator	Air Dielectric - Bead - PPH	

Related Documents

Catalogue drawing	DCA-00014239

Ordering Information

Single package	33_SMA-N-50-51/1--_UE

Remarks

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

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

Waiver: Fact and figures herein are for information only and do not represent any warranty of any kind.