Data Sheet

HUBER+SUHNER Excellence in Connectivity Solutions

Between Series Adaptor 31_N-SMA-50-51/1--_U

Description

Adaptor jack/jack

N-precision jack (female) / 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

 $\begin{array}{ll} \mbox{Impedance} & \mbox{50 } \Omega \\ \mbox{Interface frequency max.} & \mbox{18 GHz} \\ \mbox{VSWR} & \mbox{DC - 18 GHz} \end{array}$

≤ 1.025 + 0.007 f (GHz)

Electrical length 32.91 mm

Mechanical Data

Number of matings 500
Weight 0.0316 kg

Environmental Data

Operating temperature $$-55\ ^{\circ}\text{C}$$ to 70 $^{\circ}\text{C}$$ 2011/65/EU (RoHS) compliant

Material Data

Interface - N-precision jack (female)

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

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	SUCOPRO Plating
Body	Copper Beryllium Alloy	SUCOPRO Plating
Insulator	PFA / PTFE	

Related Documents

Catalogue drawing DCA-00014584

Ordering Information

Single package 31_N-SMA-50-51/1--_UE

Remarks

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

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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