

HUBER+SUHNER® DATA SHEET

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

Rev.: F



Description

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

For Test & Measurement applications
Precision adaptor

Interface standards

Series N-precision - IEC 60169-16_MIL-STD-348A/402_CECC 22210
Series SMA-precision -



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	32.97 mm +/- 0.1

Mechanical Data

Number of matings	500
Weight	0.0331 kg

Environmental Data

Operating Temperature	13 °C to 33 °C
2002/95/EC (RoHS)	compliant

Material Data

Piece Parts

Interface - N-precision jack (female)

Piece Parts	Material
Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	PFA / PTFE

Interface - SMA-precision

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Copper Beryllium Alloy
Insulator	

Surface Plating

Gold Plating (Nickel underplated)
Passivated (Plating)
Passivated (Plating)

Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)

Related Documents

Ordering Information

Single package	31_N-SMA-50-51/1--_NE
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HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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