

HUBER+SUHNER® DATA SHEET

Between Series Adapter: 33_N-SMA-50-51/1--_U

Rev.: E



Description

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

Interface standards
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 $\leq 1.025 + 0.007 f$
Electrical Length	40.94 mm +/- 0.1

Mechanical Data

Number of matings	500
Weight	0.0399 kg

Environmental Data

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

Material Data

Piece Parts (N-precision)	Material
Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	Air Dielectric - Bead - PPH
Coupling nut	Brass

Piece Parts (SMA-precision)	Material
Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Copper Beryllium Alloy
Insulator	Air Dielectric - Bead - PPH

Surface Plating

Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

Surface Plating

Gold Plating (without Nickel underplating)
Gold Plating (without Nickel underplating)
Gold Plating (without Nickel underplating)

Related Documents

Ordering Information

Single package	33_N-SMA-50-51/1--_UE
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Remarks

Insertion loss: < 0.06 dB up to 18 GHz

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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