

HUBER+SUHNER® DATA SHEET

Between Series Adaptor: 33_N-SMA-50-1/113_U



Description

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

Interface standards

Series N - IEC 60169-16_MIL-STD-348A/304_CECC 22210
Series SMA -



Technical Data

Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 12.4 GHz ≤ 1.05 + 0.015 f (GHz)

Mechanical Data

Number of matings	500
Weight	0.0301 kg

Environmental Data

Operating Temperature	-65 °C to 165 °C
2002/95/EC (RoHS)	compliant

Material Data

Piece Parts

Interface - N plug (male)

	Material
Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Brass
Gasket	MVQ (Silicone Rubber)

Interface - SMA jack (female)

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Copper Beryllium Alloy
Insulator	PFA / PTFE

Surface Plating

Hard Au min. 1.3 µm
Hard Au min. 0.8 µm
Sucoplate min. 0.5 µm over Ag min. 2 µm
Sucoplate min. 2 µm

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

Related Documents

Outline drawing	DOU-00014305
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Ordering Information

Single package	33_N-SMA-50-1/113_UE
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HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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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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