

HUBER+SUHNER® DATA SHEET

Between Series Adapter: 31_N-SMA-50-51/1--_U

Rev.: G



Description

Adaptor jack/jack
N-precision jack (female) / 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 | 32.91 mm +/- 0.1 |

Mechanical Data

| | |
|-------------------|-----------|
| Number of matings | 500 |
| Weight | 0.0316 kg |

Environmental Data

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

Material Data

Piece Parts (N-precision)

| | |
|----------------|---|
| Centre contact | Material Copper Beryllium Alloy |
| Outer contact | Stainless Steel |
| Body | Stainless Steel |
| Insulator | Air Dielectric - Bead - PPH |

Piece Parts (SMA-precision)

| | |
|----------------|---|
| Centre contact | Material Copper Beryllium Alloy |
| Outer contact | Copper Beryllium Alloy |
| Body | Copper Beryllium Alloy |
| Insulator | PFA / PTFE |

Surface Plating

Gold Plating (without Nickel underplating)

Surface Plating

Gold Plating (without Nickel underplating)
SUCOPRO Plating
SUCOPRO Plating

Related Documents

Ordering Information

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

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.

HUBER+SUHNER – Excellence in Connectivity Solutions



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