

HUBER+SUHNER® DATA SHEET

Between Series Adapter: 32_N-SMC-50-1/1--_N

Rev.: D



Description

Adaptor plug/plug
N plug (male) / SMC plug (male)

Interface standards
IEC 60169-16_MIL-STD-348A/304_CECC 22210



Technical Data

Electrical Data

| | | | |
|--------------------------|--------------|--------------|--------------|
| Impedance | 50 Ω | | |
| Interface frequency max. | 10 GHz | | |
| Frequency range | DC to 2 GHz | 2 to 4 GHz | 4 to 10 GHz |
| Return loss | ≥ 26 dB | ≥ 20 dB | ≥ 15 dB |

Mechanical Data

| | |
|-------------------|-----------|
| Number of matings | 500 |
| Weight | 0.0264 kg |

Environmental Data

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

Material Data

Piece Parts (N)

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

Piece Parts (SMC)

| | |
|----------------|------------------------|
| Centre contact | Copper Beryllium Alloy |
| Outer contact | Brass |
| Body | Brass |
| Insulator | PFA / PTFE |
| Coupling nut | Brass |

Surface Plating

| |
|---|
| Hard Au min. 1.3 μ m |
| SUCOPLATE (R) Plating |
| Hard Au min. 0.8 μ m over Ni min. 1.3 μ m |
| Hard Au min. 0.8 μ m over Ni min. 1.3 μ m |

Surface Plating

| |
|--|
| Gold Plating (without Nickel underplating) |
| Gold Plating (Nickel underplated) |
| SUCOPLATE (R) Plating |
| Gold Plating (Nickel underplated) |

Related Documents

Ordering Information

| | |
|----------------|----------------------|
| Single package | 32_N-SMC-50-1/1--_NE |
|----------------|----------------------|

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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