

HUBER+SUHNER® DATA SHEET

Between Series Adapter: 32_PC7-QN-50-1/1--_N



Description

Adaptor plug/plug
PC 7 plug (male) / QN plug (male)

Interface standards
IEEE STD 287_ANSI C 16.43 / QN QLF compliant



Technical Data

Electrical Data

| | | | |
|--------------------------|------------------|--------------|--------------|
| Impedance | 50 Ω | | |
| Interface frequency max. | 11 GHz | | |
| Frequency range | DC to 3 GHz | 3 to 6 GHz | 6 to 11 GHz |
| Return loss | ≥ 36 dB | ≥ 32 dB | ≥ 24 dB |
| Electrical Length | 41.85 mm +/- 0.1 | | |

Mechanical Data

| | |
|-------------------|-----------|
| Number of matings | 500 |
| Weight | 0.0621 kg |

Environmental Data

| | |
|--|------------------------------|
| Operating Temperature 2002/95/EC (RoHS) | -40 °C to 70 °C compliant |
|--|------------------------------|

Material Data

Piece Parts (PC 7)

| | |
|----------------|-----------------|
| Centre contact | Brass |
| Outer contact | Stainless Steel |
| Insulator | PFA / PTFE |
| Coupling nut | Brass |

Piece Parts (QN)

| | |
|----------------|-----------------------------|
| Centre contact | Copper Beryllium Alloy |
| Outer contact | Brass |
| Body | Brass |
| Insulator | Air Dielectric - Bead - PPH |
| Coupling nut | Brass |

Surface Plating

SUCOPRO Plating

SUCOPLATE (R) Plating

Surface Plating

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

SUCOPLATE (R) Plating

Related Documents

Ordering Information

| | |
|----------------|-----------------------|
| Single package | 32_PC7-QN-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 AG
RF Technology
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions