

HUBER+SUHNER® DATA SHEET

Between Series Adaptor: 32_PC35-QMA-50-1/1--_N

Rev.: J



Description

Adaptor plug/plug
PC 3.5 plug (male) / QMA plug (male)

QuickLock Interface
For Test & Measurement applications

Interface standards
Series PC 3.5 - IEC 60169-23
Series QMA - QMA QLF compliant



Technical Data

Electrical Data

| | | | |
|--------------------------|-----------------|--------------|-------------|
| Impedance | 50 Ω | | |
| Interface frequency max. | 18 GHz | | |
| Frequency range | DC to 1.5 GHz | 1.5 to 6 GHz | 6 to 18 GHz |
| Return loss | ≥ 35 dB | ≥ 30 dB | ≥ 20 dB |
| Electrical Length | 25.4 mm +/- 2.6 | | |

Mechanical Data

| | |
|-------------------|-----------|
| Number of matings | 500 |
| Weight | 0.0101 kg |

Environmental Data

| | |
|-----------------------|------------------|
| Operating Temperature | -60 °C to 100 °C |
| 2002/95/EC (RoHS) | compliant |

Material Data

Piece Parts

Interface - PC 3.5 plug (male)

| | Material | Surface Plating |
|----------------|----------------------------|----------------------|
| Centre contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Outer contact | Stainless Steel | |
| Body | Stainless Steel | |
| Insulator | Air Dielectric - Bead - PS | |
| Coupling nut | Stainless Steel | Passivated (Plating) |

Interface - QMA plug (male)

| | | |
|----------------|----------------------------|-----------------|
| Centre contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Outer contact | Copper Beryllium Alloy | SUCOPRO Plating |
| Body | Stainless Steel / Brass | |
| Insulator | Air Dielectric - Bead - PS | |

Related Documents

| | |
|-----------------|--------------|
| Outline drawing | DOU-00014037 |
|-----------------|--------------|

Ordering Information

| | |
|----------------|-------------------------|
| Single package | 32_PC35-QMA-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