

HUBER+SUHNER® DATA SHEET

Between Series Adapter: 32_PC7-SMA-50-1/---_U

Rev.: D



Description

Adaptor plug/plug
PC 7 plug (male) / SMA-precision plug (male)

Interface standards
IEEE STD 287_ANSI C 16.43



Technical Data

Electrical Data

Impedance	50 Ω
Interface frequency max.	18 GHz
VSWR	DC - 18 GHz $\leq 1.025 + 0.002 f$
Electrical Length	37.46 mm +/- 0.1

Mechanical Data

Number of matings	500
Weight	0.0411 kg

Environmental Data

Operating Temperature	-55 °C to 70 °C
2002/95/EC (RoHS)	compliant

Material Data

Piece Parts (PC 7)

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

Piece Parts (SMA-precision)

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

Surface Plating

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

SUCOPLATE (R) Plating

Surface Plating

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

Gold Plating (without Nickel underplating)

Related Documents

Ordering Information

Single package	32_PC7-SMA-50-1/---_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



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