

HUBER+SUHNER® DATA SHEET

Within Series Adapter: 34_SMA-50-0-3/111_N

Rev.: I



Description

Bulkhead adaptor jack/jack
SMA jack (female) / SMA jack (female)

Interface standards
IEC 60169-15_MIL-STD-348A/310_CECC 22110

Benefits

Hermetic sealed connector
Water protection according to IP 68

Technical Data

Electrical Data

Impedance	50 Ω		
Interface frequency max.	18 GHz		
Frequency range	DC to 3 GHz	3 to 7 GHz	7 to 18 GHz
Return loss	≥ 26 dB	≥ 20 dB	≥ 17 dB

Mechanical Data

Chassis torque	2 Nm
Number of matings	500
Weight	0.0068 kg

Environmental Data

Operating Temperature	-20 °C to 165 °C
2002/95/EC (RoHS)	not compliant

Material Data

Piece Parts (SMA)

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Copper Beryllium Alloy
Insulator	PFA / PTFE
Gasket	NR (Natural Rubber)

Piece Parts (SMA)

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Copper Beryllium Alloy
Insulator	PFA / PTFE
Gasket	NR (Natural Rubber)

Surface Plating

Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)

Surface Plating

Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)

Related Documents

Outline drawing	DOU-00013644
Mounting hole	DOU-00008860

Ordering Information

Single package	34_SMA-50-0-3/111_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 Protection
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 47 51
www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions