

# HUBER+SUHNER® DATA SHEET

## Within Series Adapter: 53\_SMA-50-0-2/111\_N



### Description

L-adaptor plug/jack  
SMA plug (male) / SMA jack (female)

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



### Technical Data

#### Electrical Data

Impedance	50 Ω	
Interface frequency max.	18 GHz	
Frequency range	DC to 14 GHz	14 to 18 GHz
Return loss	≥ 28 dB	≥ 10 dB

#### Mechanical Data

Number of matings	500
Weight	0.0063 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts (SMA)

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

##### Piece Parts (SMA)

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Copper Beryllium Alloy
Insulator	PFA / PTFE

##### Surface Plating

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

##### Surface Plating

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

#### Related Documents

Outline drawing	DOU-00013412
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#### Ordering Information

Single package	53_SMA-50-0-2/111_NE
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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.



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