

HUBER+SUHNER® DATA SHEET
RF & Components: 4901.01.B

Rev.: F



Description

Resistive Power Divider, Low Power

Product Configuration

Connector (side 1)	BNC plug (male)
Connector (side 2)	BNC jack (female)
Connector (side 3)	BNC jack (female)



Technical Data

Electrical Data

Nominal Impedance	50 Ω
Frequency Range	DC to 2 GHz
Frequency sub Range (GHz)	DC to 0.5 0.5 to 1 1 to 2
Ampl. Tracking max. (dB)	0.1 0.2 0.3
VSWR max.	1.05 1.07 1.15
Amplitude tracking max. (dB)	0.1 0.2 0.3
Phase tracking max. (deg)	3
Insertion Loss (dB)	6
Power Rating	1 Watt average power to 70 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.
Isolation (dB)	6 (nominal between two ports)

Mechanical Data

Dimensions	16 / 16 / 50 (height / width / length coaxial in mm)
Weight	0.0776 kg

Environmental Data

2002/95/EC (RoHS)	compliant
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Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side 2, side 3)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	On request
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Ordering Information

Single packaging	4901.01.B
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Additional Information

Remarks

Interface dimensions acc. to	IEC 60169-8_MIL-STD-348A/301_CECC 22120
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HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained 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



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