

HUBER+SUHNER® DATA SHEET  
RF & Components: 4901.17.B

Rev.: E



Description

Resistive Power Divider, Low Power

Product Configuration

Connector (side 1)	N plug (male)
Connector (side 2)	N jack (female)
Connector (side 3)	N 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	20.5 / 20.5 / 36 (height / width / length coaxial in mm)
Weight	0.065 kg

Environmental Data

2002/95/EC (RoHS)	compliant
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Material Data

<b>Piece Part (side 1)</b>	<b>Material</b>	<b>Surface Plating</b>
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
<b>Piece Part (side 2, side 3)</b>	<b>Material</b>	<b>Surface Plating</b>
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	4901.17.B
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Additional Information

Remarks

Interface dimensions acc. to	IEC 60169-16_MIL-STD-348A/304_CECC 22210
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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.



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