

HUBER+SUHNER® DATA SHEET

RF & Components: 7207_SMA-50-1/11-_N

Rev.: E



Description

Directional Coupler, High Power

Product Configuration

Connector (side 1)	SMA jack (female)
Connector (side 2)	SMA jack (female)
Connector (side 3)	SMA jack (female)



Technical Data

Electrical Data

Nominal Impedance	50 Ω
Frequency Range	0.8 to 2.5 GHz
Coupled port (dB)	7
Flatness (dB)	$\pm$ VSWR max. 1.25
Insertion Loss (dB)	0.45 (excluded coupled losses)
Directivity minimum (dB)	18
Power Rating	100 Watt average power to 25 °C ambient temperature

Mechanical Data

Dimensions	38 / 18 / 118 (height / width / length in mm)
Weight	0.177 kg

Environmental Data

Operating Temperature (°C)	-25 to 55
2002/95/EC (RoHS)	compliant

Material Data

Piece Part (side 1, side2, side3)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass / Messing	Gold Plating (without Nickel underplating)
Body	Aluminium	
Insulator		

Related Documents

Outline drawing	DOU-00124102
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Ordering Information

Single packaging	7207_SMA-50-1/11-_NE
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Additional Information

Remarks

Interface dimensions acc. to	IEC 60169-15_MIL-STD-348A/310_CECC 22110
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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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