

HUBER+SUHNER® DATA SHEET

RF & Components: 7207_N-50-1/12-_N

Rev.: H



Description

Directional Coupler, High Power

Product Configuration

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



Technical Data

Electrical Data

Nominal Impedance	50 Ω
Frequency Range	0.8 to 2.5 GHz
Coupled port (dB)	7
Flatness (dB)	± 0.8 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 / 124 (height / width / length in mm)
Weight	0.247 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	Nickel Plating
Body	Aluminium	
Insulator		

Related Documents

Outline drawing	DOU-00124155
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Ordering Information

Single packaging	7207_N-50-1/12-_NE
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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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