

# HUBER+SUHNER® DATA SHEET

## RF & Components: 7205\_N-50-1/12-\_NE

Rev.: H



### Description

Directional Coupler, High Power

The unit has an extremely broad frequency range with minimal loss for maximum flexibility when used with multiband wireless antennas  
Designed for indoor application



### 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 $\Omega$
Frequency Range	0.8 to 2.5 GHz
Coupled port (dB)	5
Flatness (dB)	$\pm 0.8$ 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	38.1 / 17.1 / 124.5 (height / width / length in mm)
Weight	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 (Nickel underplated)
Outer contact	Brass / Messing	Gold Plating (Nickel underplated)
Body	Aluminium	
Insulator		

### Related Documents

Outline drawing	DOU-00124155
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### Ordering Information

Single packaging	7205_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

#### WAIVER

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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