

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 5906_N-50-250/133_N

Rev.: G



Description

Standard Attenuator, High Power

Product Configuration

Connectors (side 1 / side 2) N plug (male) / N jack (female)
Interface standard IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal impedance	50 Ω
Nominal attenuation	6 dB
Frequency range	DC to 6 GHz
Frequency sub range (GHz)	DC to 3 3 to 6
Attenuation deviation (\pm dB)	0.75 0.75
VSWR max.	1.2 1.3
Power rating	250 Watt average power up to 25 °C ambient temperature, linearly derated to 0 Watt at 125 °C ambient temperature. Free airflow convection necessary to ensure power performances. Unit is unidirectional, therefore don't swap input with output (note: input is usually on the male side, otherwise follow instructions on the heatsink) 2500 Watt peak power, 100 μ s pulse, 1 % duty cycle

Mechanical Data

Weight 3.2 kg

Environmental Data

Operating temperature (°C) -55 to 125
2002/95/EC (RoHS) compliant

Material Data

Piece Part (side 1)

Centre contact	Brass
Outer contact	Brass
Body	Aluminium
Coupling nut	Brass

Piece Part (side 2)

Centre contact	Bronze
Outer contact	Brass
Body	Aluminium

Surface Plating

Gold Plating (without Nickel underplating)
SUCOPLATE (R) Plating
Anodized
SUCOPLATE (R) Plating

Surface Plating

Gold Plating (without Nickel underplating)
SUCOPLATE (R) Plating
Anodized

Related Documents

Outline drawing DOU-00118201

Ordering Information

Single packaging 5906_N-50-250/133_NE

Additional Information

Remarks

This product is unidirectional. The input side is specified only. The male connector is the input and is marked on the product. Reverse power handling: 120 W for 3, 6 dB types and 60 W for: 10, 20, 30, 40 dB types.



HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

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