

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 5930_N-50-300/199_N



Rev.: E

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	30 dB
Frequency range	DC to 4 GHz
Frequency sub range (GHz)	DC to 1.5 1.5 to 2.5 2.5 to 4
Attenuation deviation (\pm dB)	0.75 1 1.5
VSWR max.	1.15 1.25 1.5
Power rating	300 Watt average power up to 25 °C ambient temperature, linearly derated to 60 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) 2000 Watt peak power, 5 μ s pulse, 0.05 % duty cycle

Mechanical Data

Weight kg

Environmental Data

Operating temperature (°C) -54 to 125
2002/95/EC (RoHS) compliant

Material Data

Piece Part (side 1)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Aluminium
Coupling nut	Stainless Steel

Surface Plating

Gold Plating (without Nickel underplating)
Passivated (Plating)
Anodized
Passivated (Plating)

Piece Part (side 2)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Aluminium

Surface Plating

Gold Plating (without Nickel underplating)
Passivated (Plating)
Anodized

Related Documents

Outline drawing DOU-00118100

Ordering Information

Single packaging 5930_N-50-300/199_NE

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.



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

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