

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6803.01.A



Rev.: I

Description

Standard Attenuator, Low Power

Product Configuration

Connectors (side 1 / side 2) BNC plug (male) / BNC jack (female)
Interface standard IEC 60169-8_MIL-STD-348A/301_CECC 22120

Technical Data

Electrical Data

Nominal impedance 50 Ω
Nominal attenuation 3 dB
Frequency range DC to 4 GHz
Frequency sub range (GHz) DC to 2 2 to 4
Attenuation deviation ($\pm$ dB) 0.3 0.5
VSWR max. 1.1 1.2
Power rating 2 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.
500 Watt peak power, 5 μ s pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.025 kg

Environmental Data

Operating temperature (°C) -55 to 130
2002/95/EC (RoHS) compliant

Material Data

Piece Part (side 1)

Centre contact Copper Beryllium Alloy
Outer contact Brass
Body Brass
Insulator PFA / PTFE
Coupling nut Brass

Piece Part (side 2)

Centre contact Copper Beryllium Alloy
Outer contact Brass
Body Brass
Insulator PFA / PTFE

Surface Plating

Gold Plating
SUCOPLATE (R) Plating
SUCOPLATE (R) Plating

SUCOPLATE (R) Plating

Surface Plating

Gold Plating
SUCOPLATE (R) Plating
SUCOPLATE (R) Plating

Related Documents

Outline drawing DOU-00005238

Ordering Information

Single packaging 6803.01.A



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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