Data Sheet

HUBER+SUHNER

RF Attenuator 6830 N-50-1/1-- N **Description**

Standard Attenuator Low Power



Product Configuration

Connector (side 1 / side 2) Interface Standards

N plug (male) / N jack (female)

IEC 60169-16_MIL-STD-348A/304_CECC 22210

Technical Data

Electrical Data

Nominal impedance 50 Ω Nominal attenuation 30 dB DC to 6 GHz Frequency range Attenuation deviation (±dB) 0.9 1.25

VSWR max

2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.2 Watt at 100 °C ambient Power rating

temperature.

250 Watt peak power, 5 µs pulse, 0.4 % duty cycle

Mechanical Data

Weight 0.055 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102)

-55 °C to 125 °C compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PEI (Polyether-imide)	
Coupling nut	Brass	Tri-metal Plating
Gasket	VMQ (Silicone rubber)	
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
	Diass	m-metal Flating
Body	Brass	Tri-metal Plating
Body		

Related Documents

Outline drawing DOU-01161234

Ordering Information

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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