## **RF** Attenuator 6820\_N-50-1/1--\_N Description

Standard Attenuator Low Power

## **HUBER+SUHNER**



Connector (side 1 / side 2) Interface Standards	N plug (male) / N jack (female) IEC 60169-16 MIL-STD-348A/304 CECC 22210	
	IEC 00109-10_MIL-51D-348AV304_CECC 22210	
Technical Data		
Electrical Data	50.0	
Nominal impedance Nominal attenuation	50 Ω 20 dB	
Frequency range	DC to 6 GHz	
Attenuation deviation (±dB) VSWR max.	0.5 1.25	
Power rating	2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.2 Watt at 100 °C ambient	
	temperature. 250 Watt peak power, 5 μs pulse, 0.4 % duty cycle	
Mechanical Data	250 Wall peak power, 5 µs pulse, 0.4	
Weight	0.055 kg	
Environmental Data		
Operating temperature	-55 °C to 125 °C	
2011/65/ĒU (RoHS - including 2015/863 and 2017/2102)	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
Body	Brass	Tri-metal Plating
Insulator	PEI (Polyether-imide)	
Related Documents		

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

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