Data Sheet

HUBER+SUHNER

RF Attenuator 6810_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

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 10 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 6 GHz} \\ \mbox{Attenuation deviation (<math>\pm \mbox{dB}$)} & 0.5 \\ \end{array}

VSWR max. 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

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
		Outlace Flating
Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact		
	Copper Beryllium Alloy	Gold Plating
Outer contact	Copper Beryllium Alloy Brass	Gold Plating Tri-metal Plating

Related Documents

Outline drawing DOU-01161234

Ordering Information

85170606 6610_N-50-1/1--_NE

 $\hbox{HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS}\\$

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Page 1/1

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