Data Sheet

HUBER+SUHNER

RF Attenuator 6806.17.A

Description

Standard Attenuator, Low Power



Product Configuration

Connector (side 1 / side 2) N plug (male) / N jack (female)

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

Technical Data

Electrical Data

 $\begin{array}{ll} \text{Nominal impedance} & 50 \ \Omega \\ \text{Nominal attenuation} & 6 \ \text{dB} \end{array}$

Frequency range DC to 12.4 GHz

 Frequency sub range (GHz)
 DC to 4
 4 to 8
 8 to 10
 10 to 12.4

 Attenuation deviation (±dB)
 0.3
 0.3
 0.5
 0.5

 VSWR max.
 1.1
 1.2
 1.2
 1.25

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 µs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.069 kg

Environmental Data

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -55 °C to 130 °C compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Gold Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Piece Part (side2) Centre contact	Material Copper Beryllium Alloy	Surface Plating Gold Plating
, ,		
Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact	Copper Beryllium Alloy Brass	Gold Plating Gold Plating

Related Documents

Outline drawing DOU-00005269

Ordering Information

Single packaging 6806.17.A

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

www.hubersuhner.com

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