Data Sheet

HUBER+SUHNER

RF Attenuator 6803.17.A

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

 $\begin{array}{ll} \text{Nominal impedance} & 50 \ \Omega \\ \text{Nominal attenuation} & 3 \ \text{dB} \end{array}$

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 0.076 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
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Gold Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing DOU-00005304

Ordering Information

Single packaging 6803.17.A

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

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