Data Sheet

RF Attenuator 6820.17.B



Description

Precision Attenuator, Low Power



12.4 to 18

1.25

Product Configuration

Connector (side 1 / side 2) Interface Standards N-precision plug (male) / N-precision jack (female) IEC 60169-16_MIL-STD-348A/304_CECC 22210

50 Ω

20 dB

DC to 4

0.5

1.1

DC to 18 GHz

Technical Data

Electrical Data

Nominal impedance
Nominal attenuation
Frequency range
Frequency sub range (GHz)

Frequency sub range (GHz)
Attenuation deviation (±dB)
VSWR max.
Power rating

1 Watt average power up to 30 $^{\circ}$ C ambient temperature, linearly derated to 0 Watt at 130 $^{\circ}$ C ambient temperature. 500 Watt peak power, 5 μ s pulse, 0.05 $^{\circ}$ duty cycle

4 to 6

0.6

1.1

6 to 8

0.6

1.15

8 to 12.4

8.0

1.15

Mechanical Data

Weight 0.086 kg

Environmental Data

Operating temperature -55 °C to 130 °C 2011/65/EU (RoHS) compliant

Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	

Related Documents

Outline drawing DOU-00005244

Ordering Information

Single packaging 6820.17.B

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

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