

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6806.17.B

Rev.: G



Description

Precision Attenuator, Low Power

Product Configuration

Connectors (side 1 / side 2) N-precision plug (male) / N-precision jack (female)



Technical Data

Electrical Data

Nominal Impedance	50 Ω				
Nominal Attenuation	6 dB				
Frequency Range	DC to 18 GHz				
Frequency sub Range (GHz)	DC to 4	4 to 6	6 to 8	8 to 12.4	12.4 to 18
Attenuation Deviation (±dB)	0.3	0.3	0.3	0.5	0.8
VSWR max.	1.1	1.1	1.15	1.15	1.25
Power Rating	2 Watt average power to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. 500 Watt peak power during max. 5 μs				
Power coefficient	0.001 dB/dB/W				
Temp. coefficient	0.0001 dB/dB/°C				

Mechanical Data

Dimensions	20.5 / 20.5 / 69 (height / width / length coaxial in mm)
Weight	0.086 kg

Environmental Data

2002/95/EC (RoHS)	compliant
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Material Data

Piece Part (side 1)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	Air Dielectric - Bead - PPH
Coupling nut	Brass

Surface Plating

Gold Plating (without Nickel underplating)

SUCOPLATE (R) Plating

Piece Part (side 2)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	Air Dielectric - Bead - PPH

Surface Plating

Gold Plating (without Nickel underplating)

Related Documents

Outline drawing	DOU-00005244
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Ordering Information

Single packaging	6806.17.B
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Additional Information

Remarks

Interface dimensions acc. to	IEC 60169-16_MIL-STD-348A/304_CECC 22210
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HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

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It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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