

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6820.17.B

Rev.: K



Description

Precision Attenuator, Low Power

Product Configuration

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

Technical Data

Electrical Data

Nominal impedance	50 Ω				
Nominal attenuation	20 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 (\pm dB)	0.5	0.6	0.6	0.8	1
VSWR max.	1.1	1.1	1.15	1.15	1.25
Power rating	1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.				

500 Watt peak power

Mechanical Data

Weight 0.086 kg

Environmental Data

Operating temperature (°C) -55 to 85
2002/95/EC (RoHS) compliant

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

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)

SUCOPLATE (R) Plating

Surface Plating

Gold Plating (without Nickel underplating)

Related Documents

Outline drawing DOU-00005244

Ordering Information

Single packaging 6820.17.B



HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

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.



HUBER+SUHNER AG
RF Industrial
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
www.hubersuhner.com

HUBER+SUHNER – Excellence in Connectivity Solutions