

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6820.17.A

Rev.: H



Description

Standard Attenuator, Low Power

Product Configuration

Connectors (side 1 / side 2) N plug (male) / N 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 12.4 GHz			
Frequency sub range (GHz)	DC to 4	4 to 8	8 to 10	10 to 12.4
Attenuation deviation (\pm dB)	0.5	0.6	0.8	0.8
VSWR max.	1.1	1.2	1.2	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 0.069 kg

Environmental Data

2002/95/EC (RoHS) compliant

Material Data

Piece Part (side 1)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Brass

Piece Part (side 2)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

Surface Plating

Gold Plating (without Nickel underplating)
Gold Plating (without Nickel underplating)
SUCOPLATE (R) Plating

SUCOPLATE (R) Plating

Surface Plating

Gold Plating (without Nickel underplating)
Gold Plating (without Nickel underplating)
SUCOPLATE (R) Plating

Related Documents

Outline drawing DOU-00005259

Ordering Information

Single packaging 6820.17.A



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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