

HUBER+SUHNER® DATA SHEET

RF ATTENUATOR: Type 6630_SMA-50-1/199_N

Rev.: G



Description

Standard Attenuator, Low Power

Product Configuration

Connectors (side 1 / side 2) SMA plug (male) / SMA jack (female)
Interface standard IEC 60169-15_MIL-STD-348A/310_CECC 22110



Technical Data

Electrical Data

Nominal impedance	50 Ω			
Nominal attenuation	30 dB			
Frequency range	DC to 18 GHz			
Frequency sub range (GHz)	DC to 4	4 to 8	8 to 12.4	12.4 to 18
Attenuation deviation (\pm dB)	0.75	0.75	0.75	0.75
VSWR max.	1.15	1.2	1.25	1.35
Power rating	2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.5 Watt at 125 °C ambient temperature. 250 Watt peak power, 5 μ s pulse, 0.05 % duty cycle			

Mechanical Data

Weight 0.00419 kg

Environmental Data

Operating temperature (°C) -65 to 125
2002/95/EC (RoHS) compliant

Material Data

Piece Part (side 1)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	PTFE
Coupling nut	Stainless Steel

Surface Plating

Gold Plating (Nickel underplated)

Piece Part (side 2)

Centre contact	Copper Beryllium Alloy
Outer contact	Stainless Steel
Body	Stainless Steel
Insulator	PTFE

Surface Plating

Gold Plating (Nickel underplated)

Related Documents

Outline drawing DOU-00095953

Ordering Information

Single packaging 6630_SMA-50-1/199_NE

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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