

# 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 (±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 μs 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)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	PTFE	
Coupling nut	Stainless Steel	
Piece Part (side 2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	PTFE	

#### 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

#### 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.



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