

# 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 $\Omega$			
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 $\mu$ 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

#### 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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