

# HUBER+SUHNER® DATA SHEET

## RF ATTENUATOR: Type 6603\_SMA-50-2/199\_N

Rev.: K



### 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 3 dB  
Frequency range DC to 6 GHz  
Attenuation deviation 0.6  $\pm$ dB  
VSWR max. 1.2  
Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 1.1 Watt at 85 °C ambient temperature.

#### Mechanical Data

Weight 0.00419 kg

#### Environmental Data

Operating temperature (°C) -20 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	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-00089026

### Ordering Information

Single packaging 6603\_SMA-50-2/199\_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.



**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**