## RF Attenuator 6606\_SMA-50-3/199\_N

### **Description**

Standard Attenuator, Low Power



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## **Product Configuration**

Connector (side 1 / side 2)SMA plug (male) / SMA jack (female)Interface StandardsIEC 60169-15\_MIL-STD-348A/310\_CECC 22110

## **Technical Data**

Electrical Data					
Nominal impedance	50 Ω				
Nominal attenuation	6 dB				
Frequency range	DC to 23 GHz				
Frequency sub range (GHz)	DC to 4	4 to 8	8 to 12.4	12.4 to 18	18 to 23
Attenuation deviation (±dB)	0.3	0.3	0.3	0.3	0.4
VSWR max.	1.15	1.2	1.25	1.35	1.4
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	0.004 kg				
Environmental Data					

# 2011/65/EU (RoHS) Material Data

Operating temperature

Piece Part (side 1)	Material	Surface Plating	
Centre contact	Copper Beryllium Alloy	Gold Plating	
Outer contact	Stainless Steel	Passivated (Plating)	
Body	Stainless Steel Passivated (Plating)		
Insulator	PTFE (Polytetrafluoroethylene)		
Coupling nut	Stainless Steel	Passivated (Plating)	
Piece Part (side2)	Material	Surface Plating	
Centre contact	Copper Beryllium Alloy	Gold Plating	
Outer contact	Stainless Steel	Passivated (Plating)	
Body	Stainless Steel	Passivated (Plating)	
Insulator	PTFE (Polytetrafluoroethylene)		

#### **Related Documents**

Outline drawing

DOU-00121527

-65 °C to 125 °C

compliant

#### **Ordering Information**

Single packaging

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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