## RF Attenuator 6610\_SMA-50-1/199\_N

## **Description**

Standard Attenuator, Low Power



Product Configuration						
Connector (side 1 / side 2) Interface Standards	SMA plug (male) / SMA jack (female) IEC 60169-15_MIL-STD-348A/310_CECC 22110					
Technical Data						
Electrical Data						
Nominal impedance	50 Ω					
Nominal attenuation	10 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)	0.5	0.5	0.5	0.5		
/SWR max.	1.15	1.2	1.25	1.35		
Power rating	temperature.	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						
Operating temperature 2011/65/EU (RoHS)	-65 °C to 125 compliant	-65 °C to 125 °C compliant				
Material Data						
Piece Part (side 1)	Material		Surfa	Surface Plating		
Centre contact	Copper Beryllium Alloy		Gold	Gold Plating		
Duter contact	Stainless Steel		Passi	Passivated (Plating)		
Body	Stainless Steel		Passi	Passivated (Plating)		
Insulator		afluoroethylene)				
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 (Polytetr	afluoroethylene)				
Related Documents						
Outline drawing	DOU-0008902	26				

## Outline drawing

DOU-00089026

## **Ordering Information**

Single packaging

6610\_SMA-50-1/199\_NE

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

www.hubersuhner.com

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 information purposes only.