

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

### Description

Standard Attenuator, Low Power



### Product Configuration

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

### Technical Data

#### Electrical Data

Nominal impedance	50 $\Omega$				
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 ( $\pm$ 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 $\mu$ s pulse, 0.05 % duty cycle				

#### Mechanical Data

Weight	0.004 kg
--------	----------

#### Environmental Data

Operating temperature	-65 °C to 125 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

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
-----------------	--------------

### Ordering Information

Single packaging	6606_SMA-50-3/199_NE
------------------	----------------------