

## RF Attenuator 5903\_SMA-50-010/19-\_N

### Description

Standard Attenuator, Medium 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	3 dB		
Frequency range	DC to 18 GHz		
Frequency sub range (GHz)	DC to 6	6 to 12.4	12.4 to 18
Attenuation deviation ( $\pm$ dB)	0.3	0.3	0.5
VSWR max.	1.2	1.3	1.4
Power rating	10 Watt average power up to 25 °C ambient temperature, linearly derated to 2 Watt at 125 °C ambient temperature. 500 Watt peak power, 5 $\mu$ s pulse, 0.05 % duty cycle		

#### Mechanical Data

Weight 0.025 kg

#### Environmental Data

Operating temperature -65 °C to 125 °C  
 2011/65/EC (RoHS) compliant

#### Material Data

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

### Related Documents

Outline drawing DOU-00121742

### Ordering Information

Single packaging 5903\_SMA-50-010/19-\_NE

# Mouser Electronics

Authorized Distributor

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