

## RF Attenuator 5903\_N-50-010/199\_N

### Description

Standard Attenuator, Medium Power



### Product Configuration

Connector (side 1 / side 2)	N plug (male) / N jack (female)
Interface Standards	IEC 60169-16_MIL-STD-348A/304_CECC 22210

### Technical Data

#### Electrical Data

Nominal impedance	50 Ω		
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 (±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 μs pulse, 0.05 % duty cycle		

#### Mechanical Data

Weight	0.064 kg
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#### 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 (without Nickel underplating)
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 (without Nickel underplating)
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	

### Related Documents

Outline drawing	DOU-00112627
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### Ordering Information

Single packaging	5903_N-50-010/199_NE
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