

## RF Attenuator 5903\_N-50-1/133\_N Description

Standard Attenuator, High 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 6 GHz  
Attenuation deviation (±dB) 0.5  
VSWR max. 1.25  
Power rating 100 Watt average power up to 25 °C ambient temperature, linearly derated to 10 Watt at 100 °C ambient temperature.  
5 kW peak power, 5 μs pulse, 0.5 % duty cycle

### Mechanical Data

Weight 1.450 kg

### Environmental Data

Operating temperature -55 °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	Brass	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Body/Heat Sink	Aluminium	Anodized
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Body/Heat Sink	Aluminium	Anodized

## Related Documents

Outline drawing DOU-01168092

## Ordering Information

85177211 5903\_N-50-1/133\_NE