## RF Attenuator <br> 5901_N-50-6/199_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 | $50 \Omega$ |  |
| :--- | :--- | :--- |
| Nominal attenuation | 1 dB |  |
| Frequency range | DC to 6 GHz |  |
| Frequency sub range $(\mathrm{GHz})$ | DC to 4 | 4 to 6 |
| Attenuation deviation $( \pm \mathrm{dB})$ | 0.3 | 0.3 |
| VSWR max. | 1.15 | 1.2 |
| Power rating | 5 Watt average power up to $25^{\circ} \mathrm{C}$ ambient temperature, linearly derated to 1 Watt at $125^{\circ} \mathrm{C}$ ambient |  |

## Mechanical Data

Weight 0.052 kg

## Environmental Data

| Operating temperature | $-65^{\circ} \mathrm{C}$ to $125^{\circ} \mathrm{C}$ |
| :--- | :--- |
| 2011/65/EU (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-00113012

## Ordering Information

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.

