# **Data Sheet**

# RF Attenuator 6803\_N-50-1/1--\_N



# **Description**

Standard Attenuator, Low 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** 

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 3 \ dB \\ \mbox{Frequency range} & DC \ to \ 6 \ GHz \\ \mbox{Attenuation deviation (<math>\pm dB$ )} & 0.3 \\ \end{array}

VSWR max. 1.25

Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 1.1 Watt at 85 °C ambient

temperature.

**Mechanical Data** 

Weight 0.0657 kg

**Environmental Data** 

Operating temperature  $$-20\ ^{\circ}\text{C}$$  to 85  $^{\circ}\text{C}$$  2011/65/EU (RoHS) compliant

#### **Material Data**

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Brass Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Brass	Brass Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	Brass Plating
Body	Brass	Tri-metal Plating
Insulator	PTFE (Polytetrafluoroethylene)	

#### **Related Documents**

Outline drawing DOU-00113052

## **Ordering Information**

Single packaging 6803\_N-50-1/1--\_NE

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