## **Data Sheet**



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

#### Description

Standard Attenuator, Low Power



### **Product Configuration**

Connector (side 1 / side 2) Interface Standards N plug (male) / N jack (female)

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 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -20 °C to 85 °C compliant

#### **Material Data**

pper Beryllium Alloy	Gold Plating (without Nickel underplating)
220	
ass	Tri-metal Plating
FE (Polytetrafluoroethylene)	
ass	
terial	Surface Plating
pper Beryllium Alloy	Gold Plating (without Nickel underplating)
ass	
ass	Tri-metal Plating
FE (Polytetrafluoroethylene)	
to to	E (Polytetrafluoroethylene) ss erial per Beryllium Alloy ss ss

#### **Related Documents**

Outline drawing DOU-00113052

#### **Ordering Information**

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

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