## **Data Sheet**



# RF Attenuator 6801\_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** 

 $\begin{array}{lll} \mbox{Nominal impedance} & 50~\Omega \\ \mbox{Nominal attenuation} & 1~\mbox{dB} \\ \mbox{Frequency range} & DC~\mbox{to 6 GHz} \\ \mbox{Attenuation deviation (<math>\pm \mbox{dB}$ )} & 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**

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

#### **Related Documents**

Outline drawing DOU-00113052

#### **Ordering Information**

Single packaging 6801\_N-50-1/1--\_NE

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