Data Sheet



RF Attenuator 6810_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

VSWR max.

 $\begin{array}{lll} \mbox{Nominal impedance} & 50 \ \Omega \\ \mbox{Nominal attenuation} & 10 \ \mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 6 GHz} \\ \mbox{Attenuation deviation (<math>\pm \mbox{dB}$)} & 0.5 \\ \end{array}

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

temperature.

1.25

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

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Outer contact	Brass	
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
Insulator	PTFE (Polytetrafluoroethylene)	

Related Documents

Outline drawing DOU-00113052

Ordering Information

Single packaging 6810_N-50-1/1--_NE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

www.hubersuhner.com

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.