# **Data Sheet**

# RF Attenuator 6620\_PC24-50-1/199\_N



## **Description**

Standard Attenuator, Low Power



## **Product Configuration**

Connector (side 1 / side 2)

PC 2.4 plug (male) / PC 2.4 jack (female)

#### **Technical Data**

**Electrical Data** 

 $\begin{array}{lll} \mbox{Nominal impedance} & 50~\Omega \\ \mbox{Nominal attenuation} & 20~\mbox{dB} \\ \mbox{Frequency range} & \mbox{DC to 50 GHz} \end{array}$ 

 Frequency sub range (GHz)
 DC to 26.5
 26.5 to 40
 40 to 50

 Attenuation deviation (±dB)
 0.75
 1.25
 2

 VSWR max.
 1.35
 1.6
 1.75

Power rating 0.5 Watt average power up to 25 °C ambient temperature, linearly derated to 0.1 Watt at 85 °C ambient

temperature.

**Mechanical Data** 

Weight 0.008 kg

**Environmental Data** 

Operating temperature -45 °C to 85 °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	Stainless Steel	Passivated (Plating)
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)
P' P1 (-'-1-0)	NA - 4 - 2 - 1	0 f B) ()
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
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Centre contact	Copper Beryllium Alloy	Gold Plating
Centre contact Outer contact	Copper Beryllium Alloy Stainless Steel	Gold Plating Passivated (Plating)

#### **Related Documents**

Outline drawing DOU-00110792

#### **Ordering Information**

Single packaging 6620 PC24-50-1/199 NE

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