

## RF Attenuator

### 6820\_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

Nominal impedance 50  $\Omega$   
Nominal attenuation 20 dB  
Frequency range DC to 6 GHz  
Attenuation deviation ( $\pm$ dB) 0.5  
VSWR max. 1.25  
Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 0.2 Watt at 100 °C ambient temperature.  
250 Watt peak power, 5  $\mu$ s pulse, 0.4 % duty cycle

##### Mechanical Data

Weight 0.055 kg

##### Environmental Data

Operating temperature -55 °C to 125 °C  
2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

##### Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PEI (Polyether-imide)	
Coupling nut	Brass	Tri-metal Plating
Gasket	VMQ (Silicone rubber)	
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Tri-metal Plating
Body	Brass	Tri-metal Plating
Insulator	PEI (Polyether-imide)	

#### Related Documents

Outline drawing DOU-01161234

#### Ordering Information

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