

RF Attenuator 6820.17.A

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 Ω			
Nominal attenuation	20 dB			
Frequency range	DC to 12.4 GHz			
Frequency sub range (GHz)	DC to 4	4 to 8	8 to 10	10 to 12.4
Attenuation deviation (\pm dB)	0.5	0.6	0.8	0.8
VSWR max.	1.1	1.2	1.2	1.25
Power rating	1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. 500 Watt peak power, 5 μ s pulse, 0.05 % duty cycle			

Mechanical Data

Weight	0.069 kg
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Environmental Data

Operating temperature	-55 °C to 130 °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	Gold Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	Gold Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00005259
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Ordering Information

Single packaging	6820.17.A
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Mouser Electronics

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