

RF Attenuator 5906.41.0001

Description

Standard Attenuator, Medium Power



Product Configuration

Connector (side 1 / side 2)	7/16 plug (male) / 7/16 jack (female)
Interface Standards	IEC 60169-4_CECC 22190_DIN 47223_VG 95250

Technical Data

Electrical Data

Nominal impedance	50 Ω			
Nominal attenuation	6 dB			
Frequency range	DC to 6 GHz			
Frequency sub range (GHz)	DC to 1	1 to 2	2 to 4	4 to 6
Attenuation deviation ($\pm$ dB)	0.3	0.3	0.3	0.5
VSWR max.	1.1	1.15	1.25	1.35
Power rating	10 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature. Convection cooled. 500 Watt peak power, 5 μ s pulse, 0.05 % duty cycle			

Mechanical Data

Weight	0.256 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	Bronze	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Bronze	Silver Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	

Related Documents

Outline drawing	DOU-00005329
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Ordering Information

Single packaging	5906.41.0001
Important note	WARNING Beryllia Ceramic Inside! DO NOT sand, scrap or tamper with. Dispose in accordance with all relevant regulations.

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