

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 (±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 μs pulse, 0.05 % duty cycle

Mechanical Data

Weight 0.256 kg

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

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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