

## RF Attenuator 5903.41.0001

### 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 3 dB  
Frequency range DC to 6 GHz  
Frequency sub range (GHz) DC to 2 2 to 6  
Attenuation deviation (±dB) 0.2 0.3  
VSWR max. 1.1 1.25  
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 5903.41.0001

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

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