

## RF Attenuator 5906.17.0005

### Description

Standard Attenuator, Medium 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	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	50 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 0.485 kg

#### Environmental Data

Operating temperature -55 °C to 130 °C  
 2011/65/EU (RoHS) compliant

#### Material Data

Piece Part (side 1)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold 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	Copper Beryllium Alloy	Gold Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Aluminium	Anodized
Insulator	PFA / PTFE	

### Related Documents

Outline drawing DOU-00005339

### Ordering Information

Single packaging 5906.17.0005

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

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