

## RF Attenuator 6830.01.A

### Description

Standard Attenuator, Low Power



### Product Configuration

Connector (side 1 / side 2) BNC plug (male) / BNC jack (female)  
Interface Standards IEC 60169-8\_MIL-STD-348A/301\_CECC 22120

### Technical Data

#### Electrical Data

Nominal impedance	50 Ω	
Nominal attenuation	30 dB	
Frequency range	DC to 4 GHz	
Frequency sub range (GHz)	DC to 2	2 to 4
Attenuation deviation (±dB)	1	1
VSWR max.	1.1	1.2
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 μs pulse, 0.05 % duty cycle	

#### Mechanical Data

Weight 0.025 kg

#### Environmental Data

Operating temperature -55 °C to 130 °C  
2011/65/EU (RoHS - including compliant  
2015/863 and 2017/2102)

#### Material Data

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

### Related Documents

Outline drawing DOU-00005238

### Ordering Information

Single packaging 6830.01.A