

## RF Attenuator 6806.17.B

### Description

Precision Attenuator, Low Power



### Product Configuration

Connector (side 1 / side 2)	N-precision plug (male) / N-precision 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 18 GHz				
Frequency sub range (GHz)	DC to 4	4 to 6	6 to 8	8 to 12.4	12.4 to 18
Attenuation deviation (±dB)	0.3	0.3	0.3	0.5	0.8
VSWR max.	1.1	1.1	1.15	1.15	1.25
Power rating	2 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	0.086 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	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	
Coupling nut	Brass	SUCOPLATE (R) Plating
Piece Part (side2)	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	
Body	Stainless Steel	
Insulator	Air Dielectric - Bead - PPH	

### Related Documents

Outline drawing	DOU-00005244
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### Ordering Information

Single packaging	6806.17.B
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