

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 (\pm 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 μ s pulse, 0.05 % duty cycle | | | | |

Mechanical Data

| | |
|--------|----------|
| Weight | 0.086 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 | 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

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| Single packaging | 6806.17.B |
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