

## RF Attenuator 6830.26.A

### Description

Standard Attenuator, Low Power



### Product Configuration

|                             |  |
|-----------------------------|--|
| Connector (side 1 / side 2) | TNC plug (male) / TNC jack (female)      |
| Interface Standards         | IEC 60169-17_MIL-STD-348A/313_CECC 22200 |

### Technical Data

#### Electrical Data

|                             |   |        |         |            |
|-----------------------------|---|--------|---------|------------|
| Nominal impedance           | 50 Ω  |        |         |            |
| Nominal attenuation         | 30 dB   |        |         |            |
| Frequency range             | DC to 12.4 GHz  |        |         |            |
| Frequency sub range (GHz)   | DC to 4   | 4 to 8 | 8 to 11 | 11 to 12.4 |
| Attenuation deviation (±dB) | 1   | 1      | 1.5     | 1.5        |
| VSWR max.                   | 1.12  | 1.2    | 1.3     | 1.4        |
| Power rating                | 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient temperature.<br>500 Watt peak power, 5 μs pulse, 0.05 % duty cycle |        |         |            |

#### Mechanical Data

|        |          |
|--------|----------|
| Weight | 0.029 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       | 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-00005277 |
|-----------------|--------------|

### Ordering Information

|                  |           |
|------------------|-----------|
| Single packaging | 6830.26.A |
|------------------|-----------|