

## RF Attenuator 6830\_N-50-1/1--\_N

### Description

Standard Attenuator, Low 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 30 dB  
Frequency range DC to 6 GHz  
Attenuation deviation (±dB) 0.9  
VSWR max. 1.25  
Power rating 2 Watt average power up to 25 °C ambient temperature, linearly derated to 1.1 Watt at 85 °C ambient temperature.

#### Mechanical Data

Weight 0.0657 kg

#### Environmental Data

Operating temperature -20 °C to 85 °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 (without Nickel underplating) |
| Outer contact       | Brass                          |  |
| Body                | Brass                          | Tri-metal Plating                          |
| Insulator           | PTFE (Polytetrafluoroethylene) |  |
| Coupling nut        | Brass                          |  |
| Piece Part (side2)  | Material                       | Surface Plating                            |
| Centre contact      | Copper Beryllium Alloy         | Gold Plating (without Nickel underplating) |
| Outer contact       | Brass                          |  |
| Body                | Brass                          | Tri-metal Plating                          |
| Insulator           | PTFE (Polytetrafluoroethylene) |  |

### Related Documents

Outline drawing DOU-00113052

### Ordering Information

Single packaging 6830\_N-50-1/1--\_NE