# **Data Sheet**

# **HUBER+SUHNER**

# RF TERMINATION Type 6506.17.A

# **Description**

Standard Termination, Medium Power



# **Product Configuration**

Connector N plug (male)

Interface standards IEC 60169-16\_MIL-STD-348A/304\_CECC 22210

## **Technical Data**

**Electrical Data** 

Nominal Impedance 50  $\Omega$ 

Frequency range 0 to 12.4 GHz

Frequency sub range DC to 1 GHz 1 to 4 GHz 4 to 10 GHz 10 to 12.4 GHz

VSWR max. 1.05 1.1 1.2 1.25

Power rating 6 Watt average power up to 40 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

1000 Watt peak power, 5 µs pulse, 0.05 % duty cycle

**Mechanical Data** 

Weight 0.073 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -55 °C to 85 °C compliant

#### **Material Data**

| Piece Part     | Material                   | Surface Plating                            |
|----------------|----------------------------|--|
| Centre contact | Copper Beryllium Alloy     | Gold Plating (without Nickel underplating) |
| Outer contact  | Stainless Steel            |  |
| Body           | Aluminium                  |  |
| Insulator      | Air Dielectric - Bead - PS |  |
| Coupling nut   | Brass                      | SUCOPLATE (R) Plating                      |

## **Related Documents**

Outline drawing DOU-00005439

### **Ordering Information**

Single Packaging 6506.17.A Packaging

### **Additional Information**

Important note WARNING Beryllia Ceramic Inside! DO NOT sand, scrap or tamper with. Dispose in accordance with all

relevant regulations.

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

www.hubersuhner.com

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