## **Data Sheet**

# **HUBER+SUHNER**

### **RF TERMINATION** Type 6701.17.A

#### **Description**

Feed Through Termination, Low Power



#### **Product Configuration**

Connectors (side 1 / side 2)

Interface standards

N plug (male) / N jack (female)

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

#### **Technical Data**

**Electrical Data** 

Nominal Impedance 50 Ω Frequency range 0 to 0.5 GHz

Frequency sub range DC to 0.2 GHz 0.2 to 0.5 GHz

VSWR max. 1.12

Power rating 0.5 Watt average power up to 70 °C ambient temperature, linearly derated to 0 Watt at 125 °C ambient

temperature. 500 Watt peak power

**Mechanical Data** 

Weight 0.066 kg

**Environmental Data** 

Operating temperature 2011/65/EU (RoHS - including 2015/863 and 2017/2102) -40 °C to 125 °C compliant

#### **Material Data**

Piece Part (side1)	Material	Surface Plating
Centre contact	Brass	Gold Plating (without Nickel underplating)
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 (without Nickel underplating)
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00005473

#### **Ordering Information**

Single Packaging Packaging

6701.17.A

#### **Additional Information**

## **Data Sheet**



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#### Remarks

DC resistance: 50 Ohm +/- 1 % VSWR 1.09 typ. up to 200 MHz VSWR 1.24 typ. up to 500 MHz

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

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HUBER+SUHNER: 6701.17.A