

# HUBER+SUHNER® DATA SHEET

## RF & MW Components: 6001.00.0001



Rev.: F

### Description

Impedance Matching Pad, Low Power

### Product Configuration

Connectors (side 1 / side 2) N plug (male) / BNC jack (female)

### Technical Data

#### Electrical Data

Nominal Impedance	50 Ω (side 1) / 75 Ω (side 2)	
Frequency Range	DC to 1 GHz	
Frequency sub Range (GHz)	DC to 0.5	0.5 to 1
VSWR max. side 1	1.15	1.25
VSWR max. side 2	1.15	1.25
Attenuation nominal (dB)	5.7	
Voltage Divison	50 to 75 Ω	4 dB
	75 to 50 Ω	7.5 dB
Power Rating	0.7 Watt average power to 40 °C ambient temperature, linearly derated to 0 Watt at 125 °C ambient temperature.	



#### Mechanical Data

Dimensions 20.5 / 20.5 / 57.4 (height / width / length coaxial in mm)  
Weight 0.045 kg

#### Environmental Data

2002/95/EC (RoHS) compliant

#### Material Data

##### Piece Part (side 1)

Centre contact Brass  
Outer contact Brass  
Body Brass  
Insulator PFA / PTFE  
Coupling nut Brass

##### Surface Plating

Gold Plating (Nickel underplated)  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

##### Piece Part (side 2)

Centre contact Copper Beryllium Alloy  
Outer contact Brass  
Body Brass  
Insulator PFA / PTFE

##### Surface Plating

Gold Plating (Nickel underplated)  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

#### Related Documents

Outline drawing DOU-00020102

#### Ordering Information

Single packaging 6001.00.0001

#### Additional Information

##### Remarks

Interface dimensions acc. to IEC 60169-16\_MIL-STD-348A/304\_CECC 22210 (side 1)  
IEC 60169-8\_MIL-STD-348A/301\_CECC 22120 (side 2)

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

##### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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