## **Data Sheet**

# RF TERMINATION Type 65\_SMC-50-0-2/111\_N



### **Description**

Standard Termination, Low Power



#### **Product Configuration**

Connector SMC plug (male)

Interface standards IEC 60169-9\_MIL-STD-348A/312\_CECC 22140

#### **Technical Data**

**Electrical Data** 

Nominal Impedance 50  $\Omega$  Frequency range 0 to 6 GHz

Frequency sub range DC to 3 GHz 3 to 6 GHz VSWR max. 1.1 1.22

Power rating 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 85 °C ambient

temperature.

**Mechanical Data** 

 Weight
 0.0015 kg

 Matings
 100

**Environmental Data** 

Operating temperature -40 °C to 85 °C 2011/65/EU (RoHS) compliant

#### **Material Data**

| Piece Part     | Material                       | Surface Plating                   |
|----------------|--------------------------------|-----------------------------------|
| Centre contact | Copper Beryllium Alloy         | SUCOPRO Plating                   |
| Outer contact  | Brass                          | SUCOPRO Plating                   |
| Body           | Brass                          | SUCOPRO Plating                   |
| Insulator      | PTFE (Polytetrafluoroethylene) |                                   |
| Coupling nut   | Brass                          | Gold Plating (Nickel underplated) |

#### **Related Documents**

Outline drawing DOU-00008685

### **Ordering Information**

 Single Packaging
 65\_SMC-50-0-2/111\_NH

 Bulk 100 pcs packaging
 65\_SMC-50-0-2/111\_NE

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

www.hubersuhner.com

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 information purposes only.