# **Data Sheet**



# RF TERMINATION Type 65\_SMA-50-0-1/111\_N

## Description

Standard Termination, Low Power



# **Product Configuration**

Connector SMA plug (male)

Interface standards IEC 60169-15\_MIL-STD-348A/310\_CECC 22110

#### **Technical Data**

**Electrical Data** 

Nominal Impedance 50  $\Omega$  Frequency range 0 to 18 GHz

Frequency sub range DC to 4 GHz 4 to 10 GHz 10 to 14 GHz 14 to 18 GHz VSWR max. 1.05 1.1 1.15 1.25

Power rating 1 Watt average power up to 30 °C ambient temperature, linearly derated to 0 Watt at 130 °C ambient

temperature.

500 Watt peak power

**Mechanical Data** 

Weight 0.0033 kg

**Environmental Data** 

Operating temperature -55 °C to 130 °C

Water and dust resistance IP68 (1 m, 24 h) (according to IEC 60529, data refer to the coupled state)

2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102)

#### **Material Data**

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)

# **Related Documents**

Outline drawing DOU-00064214

### **Ordering Information**

 Single Packaging
 65\_SMA-50-0-1/111\_NE

 Bulk 100 pcs Packaging
 65\_SMA-50-0-1/111\_NH

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