## **Data Sheet**



# RF TERMINATION Type 65005\_SMA-50-1/19-\_N

#### **Description**

Standard Termination, Medium 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 8 GHz 8 to 12.4 GHz 12.4 to 18 GHz

VSWR max. 1.1 1.15 1.2 1.25

Power rating 5 Watt average power up to 25 °C ambient temperature, linearly derated to 1 Watt at 125 °C ambient

temperature.

**Mechanical Data** 

Weight 0.0085 kg

**Environmental Data** 

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

#### **Material Data**

Piece Part	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating
Outer contact	Stainless Steel	Passivated (Plating)
Body	Aluminium	Anodized
Insulator	PTFE (Polytetrafluoroethylene)	
Coupling nut	Stainless Steel	Passivated (Plating)

#### **Related Documents**

Outline drawing DOU-00120739

#### **Ordering Information**

Single Packaging 65005\_SMA-50-1/19-\_NE Packaging

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

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