### **Data Sheet**



# Coaxial Cable Connector 16\_SMA-50-3-3/111\_N

#### **Description**

Right angle cable plug

Interface standards
IEC 60169-15 MIL-STD-348A/310 CECC 22110



12 to 18 GHz

10 dB

#### **Technical Data**

**Electrical Data** 

 $\begin{array}{lll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 18 \ \text{GHz} \\ \text{Frequency range} & \text{DC to 2 GHz} \\ \text{Return loss} & 32 \ \text{dB} \\ \end{array}$ 

**Mechanical Data** 

Centre contact soldered
Outer contact soldered
Weight 0.0045 kg

**Environmental Data** 

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

#### **Material Data**

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Outer contact	Copper Beryllium Alloy	Gold Plating (Nickel underplated)
Body	Brass	Gold Plating (Nickel underplated)
Insulator	PFA / PTFE	
Coupling nut	Bronze	Gold Plating (Nickel underplated)
Gasket	VMQ (Silicone rubber)	

2 to 12 GHz

23 dB

#### **Related Documents**

Outline drawing DOU-00005965
Catalogue drawing DCA-00005967
Assembly instruction DOC-0000179177

#### **Ordering Information**

 Bulk 100 pcs package
 16\_SMA-50-3-3/111\_NH

 Single package
 16\_SMA-50-3-3/111\_NE

#### **Additional Information**

Suitable cables EZ\_141\_TP\_M17, SUCOFORM\_141, MULTIFLEX\_141

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

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