Data Sheet

HUBER+SUHNER Excellence in Connectivity Solutions

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



Technical Data

Electrical Data

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

 Frequency range
 DC to 2 GHz
 2 to 12 GHz
 12 to 18 GHz

 Return loss
 32 dB
 23 dB
 10 dB

Mechanical Data

Centre contact soldered
Outer 2contact soldered
Weight 0.0045 kg

Environmental Data

Operating temperature -65 °C to 165 °C 2011/65/EU (RoHS) 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)	

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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