## **Data Sheet**

# Coaxial Cable Connector 11\_SMA-R50-4-97/133\_N

#### Description

Straight cable plug

Interface standards SUHNER-SMA-R50



#### **Technical Data**

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Electrical Data			
Impedance	50 Ω		
Interface frequency max.	18 GHz		
Frequency range	DC to 2 GHz	2 to 4 GHz	4 to 6 GHz
Return loss	25 dB	20 dB	18 dB
Mechanical Data			
Centre contact	soldered		
Outer contact	crimped		
Weight	0.007 kg		
Environmental Data			
Operating temperature	-65 °C to 165 °C		
2011/65/EU (RoHS - including	compliant		
2015/863 and 2017/2102)			
Material Data			
Piece Parts	Material		Surface Plating
Centre contact	Copper Beryllium Alloy		Gold Plating (Nickel underplated)
Outer contact	Brass		SUCOPLATE (R) Plating
Body	Brass		SUCOPLATE (R) Plating
Insulator	PFA / PTFE		
Coupling nut	Brass		SUCOPLATE (R) Plating
Gasket	VMQ (Silicone rubber)		
Crimp ferrule	Copper		SUCOPLATE (R) Plating
Related Documents			
Outline drawing	DOU-00085658		
Catalogue drawing	DCA-00117682		
Assembly instruction	DOC-0000241878		
Ordering Information			
Bulk 100 pcs package	11_SMA-R50-4-97/133_NH		
Additional Information			
Suitable cables	SPUMA_240-FR-01, Spuma_240-RS-FR, SX_04172_B-60, SPUMA_240		
Bomarka			

#### Remarks

Reverse polarised interface

# **HUBER+SUHNER**

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

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