

# HUBER+SUHNER® DATA SHEET

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



### Description

Right angle cable plug for semi-rigid cable

Interface standards

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



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$		
Interface frequency max.	18 GHz		
Frequency range	DC to 2 GHz	2 to 12 GHz	12 to 18 GHz
Return loss	$\geq 32$ dB	$\geq 23$ dB	$\geq 10$ dB

#### Mechanical Data

Centre contact	soldered
Outer contact	soldered
Weight	0.0045 kg

#### Environmental Data

Operating Temperature	-65 °C to 165 °C
2002/95/EC (RoHS)	compliant

#### Material Data

##### Piece Parts

Centre contact	Copper Beryllium Alloy
Outer contact	Copper Beryllium Alloy
Body	Brass
Insulator	PFA / PTFE
Coupling nut	Bronze
Gasket	MVQ (Silicone Rubber)

##### Surface Plating

Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)
Gold Plating (Nickel underplated)

#### Related Documents

Outline drawing	DOU-00005965
Catalogue drawing	DOU-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 cable	EZ_141_TP_M17
----------------	---------------

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

#### WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



**HUBER+SUHNER AG**  
RF Technology  
9100 Herisau, Switzerland  
Phone +41 (0)71 353 41 11  
Fax +41 (0)71 353 45 90  
www.hubersuhner.com

**HUBER+SUHNER – Excellence in Connectivity Solutions**