

# HUBER+SUHNER® DATA SHEET

## Coaxial Cable Connector: 16\_SMA-50-2-105/111\_N



### Description

Right angle cable plug

Interface Standards

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



### Technical Data

#### Electrical Data

Impedance 50 Ω  
Interface frequency max. 18 GHz

#### Mechanical Data

Centre contact soldered  
Outer contact crimped  
Weight 0.0047 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 / Brass |
| Body           | Brass                    |
| Insulator      | PFA / PTFE               |
| Coupling nut   | Bronze                   |
| Gasket         | MVQ (Silicone Rubber)    |
| Crimp ferrule  | Copper                   |

##### Surface Plating

|  |
|--|
| Gold Plating (Nickel underplated)          |
| Gold Plating (Nickel underplated)          |
| Gold Plating (Nickel underplated)          |
| Gold Plating (Nickel underplated)          |
| Gold Plating (without Nickel underplating) |

#### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00006407   |
| Catalogue drawing    | DOU-00006406   |
| Assembly instruction | DOC-0000178742 |

#### Ordering Information

|                      |                        |
|----------------------|------------------------|
| Single package       | 16_SMA-50-2-105/111_NE |
| Bulk 100 pcs package | 16_SMA-50-2-105/111_NH |

#### Additional Information

Suitable cables RG\_316\_U, ENVIROFLEX\_316, RG\_188\_A/U, RG 174 /U

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

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