

# HUBER+SUHNER® DATA SHEET

## Coaxial Cable Connector: 16\_SMA-50-2-110/133\_N

Rev.: E



### Description

Right angle cable plug

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 1 GHz  | 1 to 2.5 GHz | 2.5 to 5 GHz |
| Return loss              | $\geq 36$ dB | $\geq 32$ dB | $\geq 26$ dB |

#### Mechanical Data

|                |          |
|----------------|----------|
| Centre contact | soldered |
| Outer contact  | soldered |

#### Environmental Data

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

#### Material Data

##### Piece Parts

|                |                       |
|----------------|-----------------------|
| Centre contact | Brass                 |
| Outer contact  | Brass                 |
| Body           | Brass                 |
| Insulator      | PTFE                  |
| Coupling nut   | Brass                 |
| Gasket         | MVQ (Silicone Rubber) |

##### Surface Plating

|                       |
|-----------------------|
| SUCOPRO Plating       |
| SUCOPLATE (R) Plating |
| Silver Plating        |
| SUCOPLATE (R) Plating |

### Related Documents

|                      |                |
|----------------------|----------------|
| Outline drawing      | DOU-00170392   |
| Catalogue drawing    | DCA-00183695   |
| Assembly instruction | DOC-0000335631 |

### Ordering Information

|                      |                        |
|----------------------|------------------------|
| Bulk 500 pcs package | 16_SMA-50-2-110/133_NP |
| Single package       | 16_SMA-50-2-110/133_NE |

### Additional Information

|                 |  |
|-----------------|--|
| Suitable cables | MULTIFLEX_86, SUCOFORM_86, EZ_86_LA_TP |
|-----------------|--|



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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