

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 31\_TNC-716-50-1/133\_W

Rev.: E



### Description

Adaptor jack/jack  
TNC jack (female) / 7/16 jack (female)

Low intermodulation adaptors  
For Test & Measurement applications

Interface standards

Series TNC - IEC 60169-17\_MIL-STD-348A/313\_CECC 22200

Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$
Interface frequency max.	7.5 GHz
PIM, 3 <sup>rd</sup> order intermodulation distortion (IMD) max.	Static -165 dBc at 2x 43 dBm / 20 W carrier

#### Mechanical Data

Number of matings	500
Weight	0.0843 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts

##### Interface - TNC jack (female)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

##### Surface Plating

SUCOPRO Plating  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

##### Interface - 7/16 jack (female)

Centre contact	Copper Beryllium Alloy
Outer contact	Brass
Body	Brass
Insulator	PFA / PTFE

SUCOPRO Plating  
SUCOPLATE (R) Plating  
SUCOPLATE (R) Plating

### Related Documents

Outline drawing	DOU-00014573
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### Ordering Information

Single package	31_TNC-716-50-1/133_WE
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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 Protection**

**9100 Herisau, Switzerland**

Phone +41 (0)71 353 41 11

Fax +41 (0)71 353 47 51

[www.hubersuhner.com](http://www.hubersuhner.com)

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