

# HUBER+SUHNER® DATA SHEET

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

Rev.: C



### Description

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

Interface standards  
IEC 60169-17\_MIL-STD-348A/313\_CECC 22200

### Benefits

Low intermodulation adaptors  
For Test & Measurement applications

### Technical Data

#### Electrical Data

Impedance	50 $\Omega$
Interface frequency max.	7.5 GHz
3 <sup>rd</sup> order intermodulation max.	Static -165 dBc at 2x 43 dBm / 2x 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 (TNC)

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

##### Piece Parts (7/16)

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

##### Surface Plating

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

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SUCOPRO Plating
SUCOPLATE (R) Plating
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### 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.



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