

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 33\_716-N-50-3/133\_W



### Description

Adaptor plug/jack  
7/16 plug (male) / N jack (female)

Low intermodulation adaptors  
For Test & Measurement applications

Interface standards

Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210



### Technical Data

#### Electrical Data

Impedance	50 Ω
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	0.0944 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts

##### Interface - 7/16 plug (male)

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

##### Surface Plating

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

##### Interface - N 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-00014415
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### Ordering Information

Single package	33_716-N-50-3/133_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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