

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 32\_N-716-50-2/133\_W



### Description

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

Low intermodulation adaptors  
For Test & Measurement applications

Interface standards

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



### 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	0.1041 kg

#### Environmental Data

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

#### Material Data

##### Piece Parts

##### Interface - N plug (male)

	Material	Surface Plating
Centre contact	Brass	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

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

Centre contact	Brass	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	SUCOPLATE (R) Plating

### Related Documents

Outline drawing	DOU-00014499
-----------------	--------------

### Ordering Information

Single package	32_N-716-50-2/133_WE
----------------	----------------------

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

**HUBER+SUHNER – Excellence in Connectivity Solutions**