

# HUBER+SUHNER® DATA SHEET

## Between Series Adaptor: 33\_716-4310-50-1/133\_W

Rev.: A



### Description

Adapter plug/jack  
7/16 plug (male) / 4.3-10 jack (female)  
PIM Adaptor

### Interface standards

Series 7/16, IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250  
Series 4.3-10, IEC 61169-54



### Technical Data

#### Electrical Data

Impedance	50 Ω	
Interface frequency max.	7.5 GHz	
Frequency range	DC to 4GHz	4 to 6 GHz
Return loss	≥ 27 dB	25 dB
PIM, 3rd order intermodulation distortion (IMD) max.	Static -166 dBc at 2 x 43 dBm / 2 x 20 W carriers	

#### Mechanical Data

Number of matings	500
Weight	115 g

#### Environmental Data

Operating Temperature	-55 °C to 90 °C
2011/65/EU (RoHS 2)	compliant

#### Material Data

##### Piece Parts

##### Interface – 7/16 plug (male)

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

##### Coupling nut

Brass

##### Interface – 4.3-10 jack (female)

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

##### Surface Plating

SUCOPRO  
SUCOPLATE® Plating  
SUCOPLATE® Plating

SUCOPLATE® Plating

SUCOPRO  
SUCOPLATE® Plating  
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### Related Documents

Outline drawing	DOU-00256775
CatalogueDrawing	DCA-00264862

### Ordering Information

Single packaging	33 716-4310-50-1/133 WF
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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 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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