

# HUBER+SUHNER® DATA SHEET

## Within Series Adaptor: 33\_716-50-0-2/133\_W



### Description

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

Low intermodulation adaptors  
For Test & Measurement applications

Interface standard  
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 0.1401 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 - 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

#### Ordering Information

Single package 33\_716-50-0-2/133\_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.



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