## **Data Sheet**

# HUBER+SUHNER Excellence in Connectivity Solutions

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

#### **Description**

PIM Adaptor plug/jack

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

Interface standards

Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250

Series 4.3-10 - IEC 61169-54

#### **Benefits**

Low passive intermodulation (PIM) adaptor For Test & Measurement applications



#### **Technical Data**

#### **Electrical Data**

 $\begin{array}{ll} \text{Impedance} & 50~\Omega \\ \text{Interface frequency max.} & 7.5~\text{GHz} \\ \end{array}$ 

 Frequency range
 0 to 4 GHz
 4 to 6 GHz

 Return loss
 27 dB
 25 dB

PIM, 3rd order intermodulation distortion (IMD) max. Static -166 dBc at 2x 43 dBm / 20 W carrier

#### **Mechanical Data**

Number of matings 500
Weight 0.115 kg

#### **Environmental Data**

Operating temperature  $$-55\ ^{\circ}\text{C}$$  to 90  $^{\circ}\text{C}$$  2011/65/EU (RoHS) compliant

#### **Material Data**

Interface - 7/16 plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Coupling nut	Brass	

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

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Bronze / Brass	SUCOPLATE (R) Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

#### **Related Documents**

Outline drawing DOU-00256775

#### **Ordering Information**

Single package 33\_716-4310-50-1/133\_WE

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HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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