Data Sheet

HUBER+SUHNER Excellence in Connectivity Solutions

Between Series Adaptor 33_4310-716-50-X1/133_W

Description

PIM Adaptor plug/jack

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

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

Benefits

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



Technical Data

Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 7.5 \ \text{GHz} \\ \text{Frequency range} & 0 \ \text{to 4 GHz} \\ \end{array}$

 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 0.112 kg

Environmental Data

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

Material Data

Interface - 4.3-10 plug (male)

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

Interface - 7/16 jack (female)

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

Related Documents

Outline drawing DOU-00256777

Ordering Information

Single package 33_4310-716-50-X1/133_WE

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

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