Data Sheet

HUBER+SUHNER

Between Series Adaptor 33_4310-716-50-X2/133_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



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 -155 dBc at 2x 43 dBm / 20 W carrier

Mechanical Data

Number of matings 500
Weight 0.112 kg

Environmental Data

Operating temperature -55 °C to 90 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) 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-00287242

Ordering Information

Single package 33_4310-716-50-X2/133_WE

Remarks

PIM typ. -160 dBc at 2 x 20 W / 43 dBm

Data Sheet



Between Series Adaptor 33_4310-716-50-X2/133_W

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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.