Data Sheet

HUBER+SUHNER

Between Series Adaptor
33_716-4310-50-2/133_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



Technical Data

Electrical Data

Impedance	50 Ω	
Interface frequency max.	7.5 GHz	
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	0.115 kg

Environmental Data

Operating temperature	-55 °C to 90 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	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-00287265

Ordering Information

Single package	33_716-4310-50-2/133_WE

Remarks

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

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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.