Data Sheet



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 0 to 4 GHz Frequency range

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 compliant 2015/863 and 2017/2102)

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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