

## Within Series Adaptor 31\_716-50-0-2/133\_W

### Description

PIM Adaptor jack/jack  
7/16 jack (female) / 7/16 jack (female)

Interface standard  
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

Impedance	50 $\Omega$
Interface frequency max.	7.5 GHz
PIM, 3rd order intermodulation distortion (IMD) max.	Static -165 dBc at 2x 43 dBm / 20 W carrier

#### Mechanical Data

Number of matings	500
Weight	0.1399 kg

#### Environmental Data

Operating temperature 2011/65/EU (RoHS)	-65 °C to 165 °C compliant
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#### Material Data

Interface - 7/16 jack (female)

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	

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### Related Documents

Outline drawing	DOU-00013798
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### Ordering Information

Single package	31_716-50-0-2/133_WE
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# Mouser Electronics

Authorized Distributor

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