

## Within Series Adaptor 33\_716-50-0-5/133\_W

### Description

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

Interface standard  
Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250

### Benefits

Low passive intermodulation (PIM) adaptor



### Technical Data

#### Electrical Data

Impedance	50 $\Omega$
Interface frequency max.	7.5 GHz
PIM, 3rd order intermodulation distortion (IMD) max.	Static -155 dBc at 2x 43 dBm / 20 W carrier

#### Mechanical Data

Number of matings	500
Weight	0.1401 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °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	SUCOPLATE (R) Plating

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	

### Related Documents

Outline drawing	DOU-00287300
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### Ordering Information

Single package	33_716-50-0-5/133_WE
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### Remarks

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

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