

## Between Series Adaptor 33\_4310-716-50-X1/133\_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  
For Test & Measurement applications



### 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 -166 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-00256777
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### Ordering Information

Single package	33_4310-716-50-X1/133_WE
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