

## Between Series Adaptor 31\_N-716-50-4/133\_W

### Description

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

Interface standards  
Series N - IEC 61169-16\_MIL-STD-348A/304\_CECC 22210  
Series 7/16 - IEC 61169-4\_CECC 22190\_DIN 47223\_VG 95250



### Benefits

Low passive intermodulation (PIM) adaptor

### Technical Data

#### Electrical Data

Impedance	50 Ω
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	0.0861 kg

#### Environmental Data

Operating temperature	-65 °C to 165 °C
2011/65/EU (RoHS - including 2015/863 and 2017/2102)	compliant

#### Material Data

Interface - N 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	

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-00287192
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### Ordering Information

Single package	31_N-716-50-4/133_WE
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### Remarks

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