# **Data Sheet**

# Between Series Adaptor 31\_N-716-50-2/133\_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 For Test & Measurement applications

## **Technical Data**

#### **Electrical Data**

Impedance Interface frequency max.	50 Ω 7.5 GHz
PIM, 3rd order intermodulation distortion (IMD) max.	Static -165 dBc at 2x 43 dBm / 20 W carrier
<b>Mechanical Data</b> Number of matings Weight	500 0.0864 kg
<b>Environmental Data</b> Operating temperature 2011/65/EU (RoHS)	-65 °C to 165 °C 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-00014604

## **Ordering Information**

Single package

31\_N-716-50-2/133\_WE

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