# **Data Sheet**

# Between Series Adaptor 33\_N-716-50-3/133\_W

## Description

PIM Adaptor plug/jack N plug (male) / 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	50 Ω
Interface frequency max.	7.5 GHz

PIM, 3rd order intermodulation distortion (IMD) max.

#### **Mechanical Data**

Number of matings	500
Weight	0.0871

#### **Environmental Data**

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

#### Material Data

Interface - N 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

Static -165 dBc at 2x 43 dBm / 20 W carrier

kg

#### 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-00014334

### **Ordering Information**

Single package

33\_N-716-50-3/133\_WE

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, ISO/TS 16949 and IRIS

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