Data Sheet

HUBER+SUHNER

Between Series Adaptor 33_716-N-50-9/133_W

Description

PIM Adaptor plug/jack

7/16 plug (male) / N jack (female)

Interface standards

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

Benefits

Low passive intermodulation (PIM) adaptor



Technical Data

Electrical Data

 $\begin{array}{ll} \text{Impedance} & 50 \ \Omega \\ \text{Interface frequency max.} & 7.5 \ \text{GHz} \end{array}$

PIM, 3rd order intermodulation distortion (IMD) max. Static -155 dBc at 2x 43 dBm / 20 W carrier

Mechanical Data

Number of matings 500
Weight 0.0967 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 - 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	

Related Documents

Outline drawing DOU-00276937

Ordering Information

Single package 33_716-N-50-9/133_WE

Remarks

3rd order passive intermodulation max.: static typ. -160 dBc

Return loss: typ. > 32 dB up to 4 GHz

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

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