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

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	0.0967 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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