Data Sheet



Between Series Adaptor 33_QN-716-50-1/113_W

Description

PIM Adaptor plug/jack

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

Interface standards

Series QN - QN QLF compliant

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

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

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

Mechanical Data

Number of matings 500
Weight 0.0728 kg

Environmental Data

Operating temperature -40 °C to 125 °C 2011/65/EU (RoHS - including 2015/863 and 2017/2102) compliant

Material Data

Interface - QN plug (male)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPRO Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	
Gasket	EPDM (Ethylene propylene diene rubber)	

Interface - 7/16 jack (female)

Piece Parts	Material	Surface Plating
Centre contact	Copper Beryllium Alloy	SUCOPRO Plating
Outer contact	Brass	SUCOPRO Plating
Body	Brass	SUCOPLATE (R) Plating
Insulator	PFA / PTFE	

Related Documents

Outline drawing DOU-00013926

Ordering Information

Single package 33_QN-716-50-1/113_WE

Remarks

3rd order passive intermodulation max.: static -165 dBc typ.

Data Sheet



Between Series Adaptor 33_QN-716-50-1/113_W

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

www.hubersuhner.com

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

HUBER+SUHNER: 33_QN-716-50-1/113_WE