Data Sheet

HUBER+SUHNER

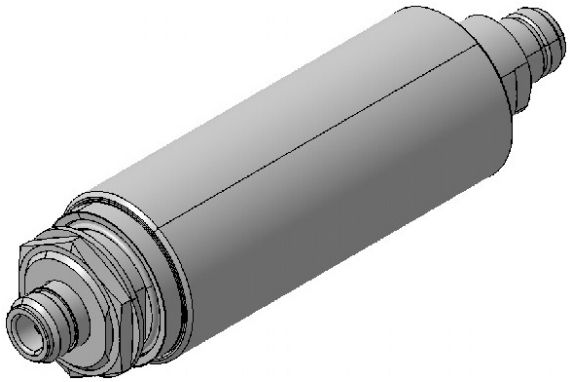
High Voltage DC Block
9077.17.0022

Description

Broadband HIGH VOLTAGE DC-DC-Block

Benefits

Broadband operation
Can also be installed reversely
Inner and outer conductor blocked (DC-DC Block)
Grounding feature



Product Configuration

Port 1 connector	N jack (female)
Port 2 connector	N jack (female), side of bulkhead
Mounting	MH110 (bulkhead mounting)

Technical Data

Electrical Data

Impedance	50 Ω	
Frequency Range	180 to 3000 MHz	380 to 3000 MHz
Return loss	≥ 16 dB	≥ 20 dB
Insertion loss	≤ 0.5 dB	≤ 0.5 dB
RF avg. power	≤ 80 W	≤ 80 W
RF peak power	≤ 250 W	≤ 250 W
PIM 3rd order	-150 dBc typ.	-150 dBc typ.
Blocking voltage center cond.	≤ 15000 VDC	
Blocking voltage outer cond.	≤ 15000 VDC	
Leakage current	≤ 50 µA	

Mechanical Data

Weight	657 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP65

Material Data

Piece Parts	Material	Surface Plating
Housing	POM (Polyoxymethylene)	
Female center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

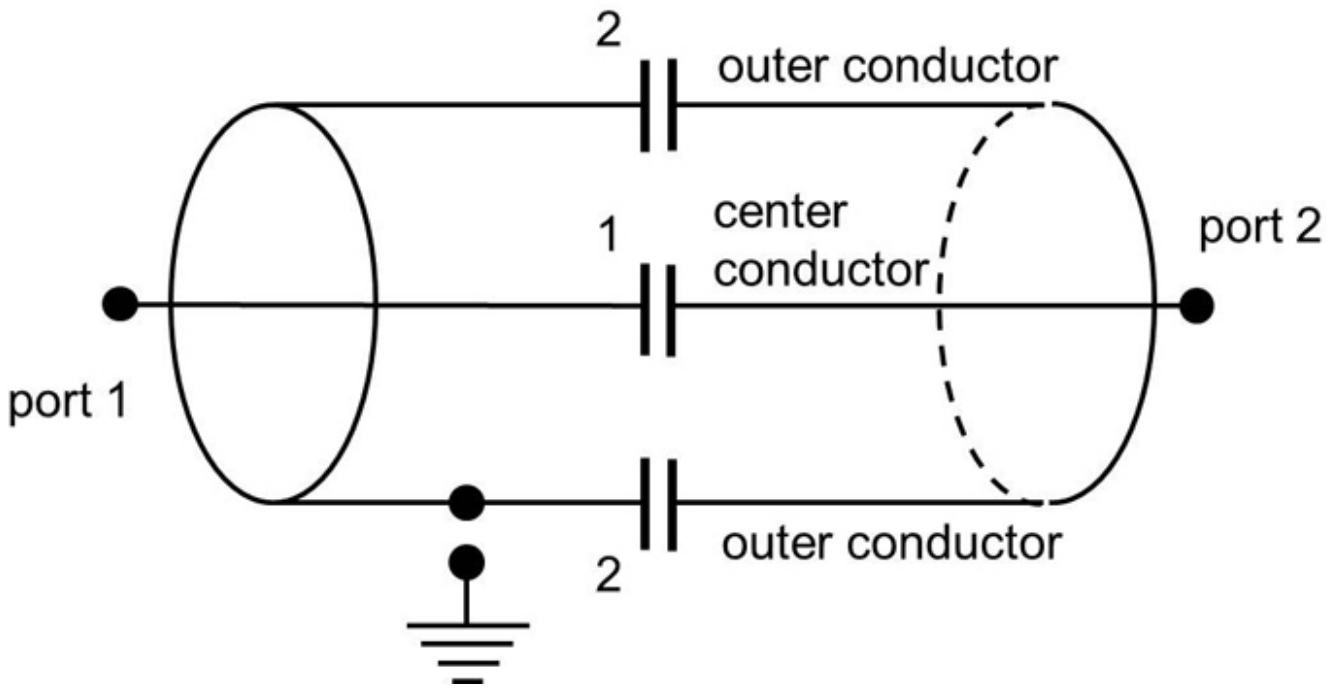
Related Documents

Outline drawing	DOU-00066206.1

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Schematic diagram component circuit



1) Center block: Yes
2) Outer block: Yes
3) Port 1 short:No
4) Port 2 short:No

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.