Data Sheet

HUBER+SUHNER

High Voltage DC Block
9077.41.0036

Description

Broadband HIGH VOLTAGE DC-DC Block

Benefits

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



Product Configuration

Port 1 connector	7/16 jack (female)
Port 2 connector	7/16 plug (male), side of bulkhead
Mounting	MH110 (bulkhead mounting)

Technical Data

Electrical Data

Impedance	50 Ω	
Frequency Range	360 to 3000 MHz	650 to 2700 MHz
Return loss	≥ 20 dB	≥ 26 dB
Insertion loss	≤ 0.1 dB	≤ 0.1 dB
RF avg. power	≤ 750 W	≤ 750 W
RF peak power	≤ 10000 W	≤ 10000 W
PIM 3rd order	-160 dBc typ.	-160 dBc typ.
Blocking voltage center cond.	≤ 1000 VDC	
Blocking voltage outer cond.	≤ 1000 VDC	
Leakage current	≤ 5 µA	

Mechanical Data

Weight	215 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP67

Material Data

Piece Parts	Material	Surface Plating
Housing	Brass	
Female center contact	Bronze	Silver Plating

Related Documents

Outline drawing	DOU-00246303

Additional Information

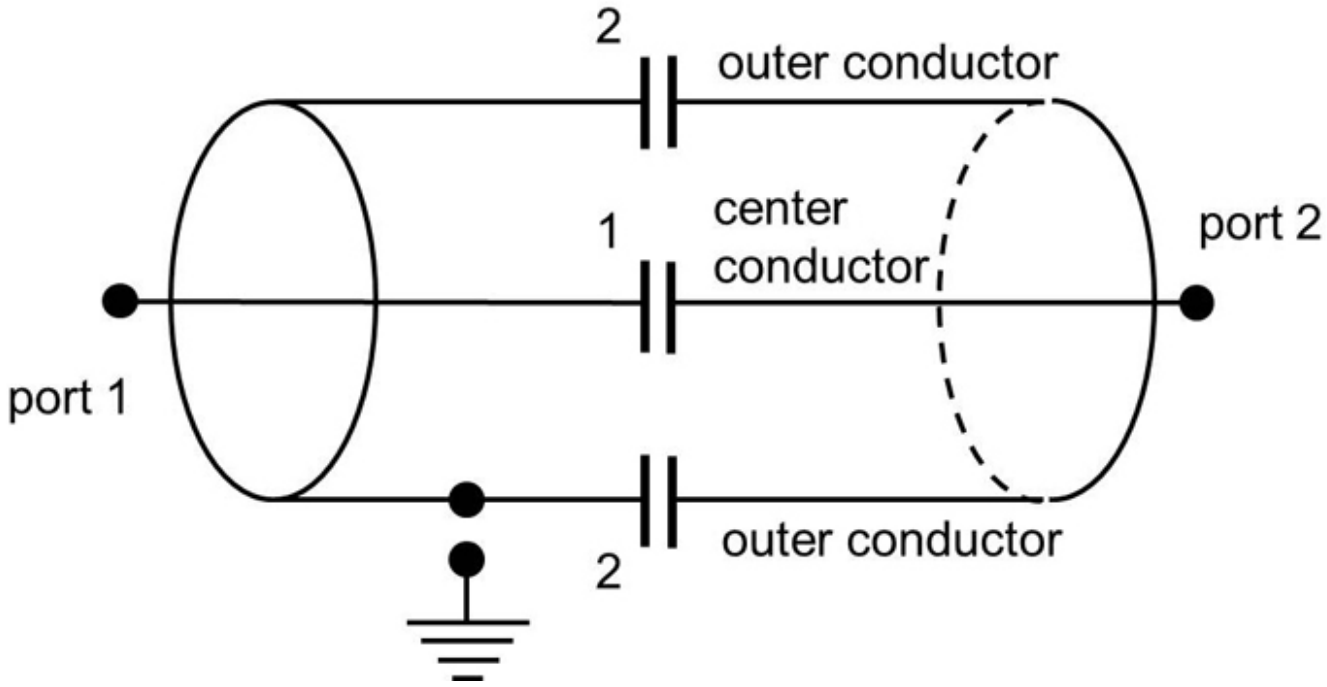
Remarks

- Peak Instantaneous Power (PIP) : 25 kW
- Isolation : > 40dB @ 100kHz , > 60dB @ 10kHz , > 80dB @ 1kHz
- Suitable mounting bracket: 9075.99.0095

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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

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