

### Description

DB-1HP1M coaxial RF DC Block from HZ-THZ (also known as DC Block) is featured in our extensive in-stock RF component selection. Our RF DC Block uses BNC connectors at 50 Ohm. HZ-THZ RF coaxial DC Block has a minimum frequency of 1 Hz and maximum frequency of 100 KHz. The VSWR is 1.3, insertion loss is 0.5 dB.

RF DC Block DB-1HP1M is rated at 10 Volts DC. Our coaxial RF DC Blocks are available in various configurations over different frequency bands to fit your needs, all of which shipped worldwide the same day.

### Features

- Broadband: 1 Hz to 100 KHz
- Low Insertion Loss: 0.5 dB
- VSWR: 1.3 : 1
- RF Power: 2 Watts
- 50 Ohm Impedance

### Applications

- Laboratory Applications
- R&D Labs
- Radar Systems
- Signal to Noise Ratio (SRN)
- DC Return / Block
- Telecom Infrastructure
- Wireless Communication
- Microwave Radio Systems
- Test & Measurement
- Communication Systems
- Test Instrumentation

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	0.000000001		0.0001	GHz
Impedance		50		Ohms
Insertion Loss		0.5	1.0	dB
VSWR		1.3	1.5	: 1
Operating DC Voltage		±10		Volts
RF Power	2			Watts
3dB Rejection			0.3	Hz
40dB Rejection			0.3	mHz
80dB Rejection			30	uHz
Connector 1		BNC Female		
Connector 2		BNC Female		
Operating Temperature	-55		+105	°C
Storage Temperature	-55		+125	°C

Electrical Specification Notes:

Values at +25°C, sea level.

### Mechanical Specifications

#### Size

Length 3.50 in [89.00 mm]

Width 0.98 in [25.00 mm]

Height 0.98 in [25.00 mm]

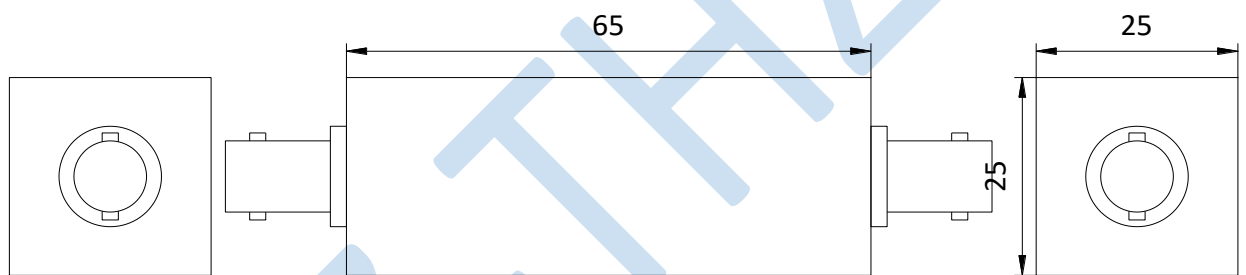
Weight 0.11 lbs [50.00 g]

Package Type Customized

### Outline Drawings

Unit: mm

Tolerance:  $\pm 0.05$  mm



### How To Order

**DB-1HP1M**

Pls send request to [sales@hz-thz.com](mailto:sales@hz-thz.com).