

Inside/Outside High Performance

- 0.1 - 8.0 GHz and 0.1 - 12.4 GHz units available
- Greater than 65 dB Isolation at 1KHz
- Low VSWR and Insertion loss
- Rugged Stainless Steel Construction

Midwest Microwave's high performance Inside/Outside DC Blocks pass all frequencies from 100 Mhz to 8.0 GHz and 100 MHz to 12.4 GHz while exhibiting low insertion loss and low VSWR. The units pose a very high insertion loss to frequencies such as 60 Hz, 120 Hz, 400 Hz, and 1 KHz. They are designed for laboratory, production line, or system use and are available in all of the popular connector interfaces. They are manufactured using rugged stainless steel and are 100 % tested to assure dependable high quality performance.

SMA • 7mm • N • TNC Types

SPECIFICATIONS

Frequency: 0.1 - 8.0 GHz and 0.1 - 12.4 GHz

VSWR: 1.20 max @ 0.01 - 8.0 GHz

Impedance: 50 Ohms

Insertion Loss: 0.5 dB max

Isolation: > 65 dB @ 1 KHz

DC Working Voltage: 200 Volts

Operating Temperature Range: -20 °C to +125 °C

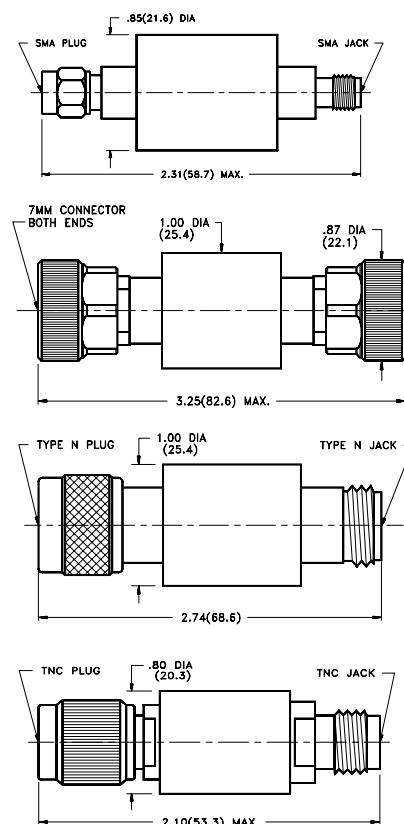
Finish: Passivated Stainless Steel

| 100 MHz - 8.0 GHz | SMA Type | 100 MHz - 12.4 GHz |
|------------------------------------|----------|------------------------------------|
| Male / Female | | Male / Female |
| DCB-3540-IO-SMA-02 | | DCB-3537-IO-SMA-02 |

| 100 MHz - 8.0 GHz | 7 mm | 100 MHz - 12.4 GHz |
|------------------------------------|------|------------------------------------|
| Male / Female | | Male / Female |
| DCB-3541-IO-7MM-02 | | DCB-3548-IO-7MM-02 |

| 100 MHz - 8.0 GHz | N Type | 100 MHz - 12.4 GHz |
|------------------------------------|--------|------------------------------------|
| Male / Female | | Male / Female |
| DCB-3542-IO-NNN-02 | | DCB-3524-IO-NNN-02 |

| 100 MHz - 8.0 GHz | TNC Type | 100 MHz - 12.4 GHz |
|------------------------------------|----------|------------------------------------|
| Male / Female | | Male / Female |
| DCB-3543-IO-TNC-02 | | DCB-3534-IO-TNC-02 |



Note: BNC, SC, and HN Types are also available, substitute BNC, SSC, or HHN for NNN in the Model Numbers.

Mouser Electronics

Authorized Distributor

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