

Wireless System Performance

- Inside/Outside and Inside only
- Greater than 60 dB Isolation at 1KHz
- Low VSWR and Insertion loss
- Rugged Stainless Steel Construction

Midwest Microwave's Inside Only DC Blocks pass all frequencies from 250 Mhz to 8 GHz while exhibiting low insertion loss and low VSWR. The Inside/Outside DC Blocks pass all frequencies from 500 MHz to 8.0 GHz while also exhibiting low insertion loss and low VSWR. Both types 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 Types

SPECIFICATIONS

Frequency: 250 MHz - 8.0 GHz

VSWR: 1.35 max.

Impedance: 50 Ohms

Insertion Loss: 0.5 dB

Isolation: > 60 dB @ 1 KHz

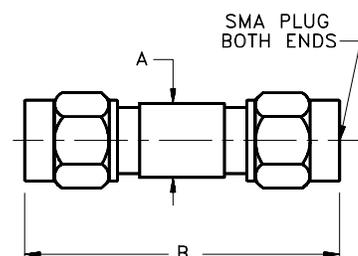
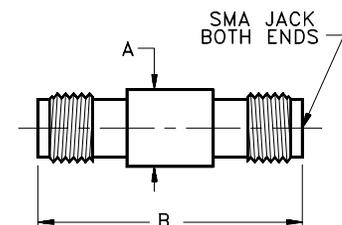
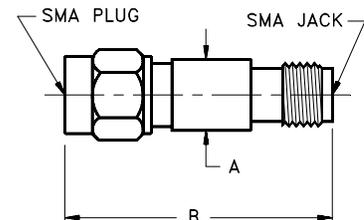
D.C. Working Voltage: 200 Volts min.

Operating Temperature Range: -20 to +100 °C

Finish: Passivated Stainless Steel

INSIDE ONLY

250 MHz - 8.0 GHz	Inside Only 3518 Series	Model Numbers
Male/Female	Female/Female	Male/Male
DCB-3518-MF-SMA-02	DCB-3518-FF-SMA-02	DCB-3518-MM-SMA-02
A = 0.280 (7.1) Dia. B = 0.880 (22.4) Long	A = 0.280 (7.1) Dia. B = 0.780 (19.8) Long	A = 0.280 (7.1) Dia. B = 0.980 (24.9) Long



INSIDE / OUTSIDE

500 MHz - 8.0 GHz	Inside / Outside 3519 Series	Model Numbers
Male/Female	Female/Female	Male/Male
DCB-3519-MF-SMA-02	DCB-3519-FF-SMA-02	DCB-3519-MM-SMA-02
A = 0.480 (12.2) Dia. B = 1.100 (27.9) Long	A = 0.480 (12.2) Dia. B = 1.020 (25.9) Long	A = 0.480 (12.2) Dia. B = 1.200 (30.5) Long