

2.4 to 2.9 mm Adapters

DC to 40 GHz Application

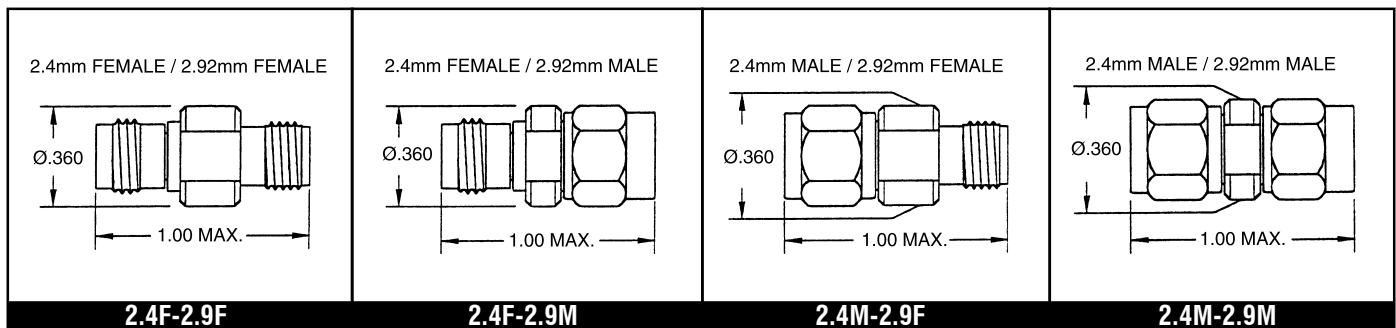
Features

- 40 GHz Operation
- Low VSWR
- -65° C to +125° C Operation
- 5/16" Wrench Flats on housings for precise, reliable torquing
- Selected units with very low VSWR are also available

These MIDISCO Adapters

address the growing need to inter-connect units having 2.4 and 2.9 mm interfaces respectively. They are especially useful in the laboratory when test equipment fitted with 2.4 mm connectors need to be used with components that feature 2.9 mm, 3.5 mm, or SMA connectors. The adapters provide a low VSWR interface, and utilize a wrench flat on the housing for precise torquing, which is a must for accuracy and repeatability. The connectors and housings are passivated stainless steel, while conductors are gold plated beryllium copper IAW MIL-G-45204. Most combinations of 2.4 mm, 2.9 mm and 3.5 mm are available. Contact factory.

MAXIMUM VSWR: DC-18 GHz: 1.10:1; 18-26.5 GHz: 1.20:1; 26.5-40 GHz: 1.30:1



New Products

DC Blocking Devices

High Voltage, 75 Ω, and Inter-Series

10 MHz to 26.5 GHz

Features

- 10 MHz to 26.5 GHz Operation
- Low Insertion Loss
- Up to 950 V Blocking (HV Series)
- All DC Blocks shown are Inner Blocks. Outer, Outer-Inner available
- Other Connector Options Offered (In Series and Between Series)

The MIDISCO DC Blocking Devices

Product Line continues to grow, consistent with Industry needs for more versatile components. All are capacitive coupled and essentially transparent to RF signals up to 26.5 GHz, while providing rejection to DC and audio frequencies. Most provide a minimum of 55 dB of rejection at 65 KHz. Applications include ground loop elimination, test setup isolation, and wherever undesired DC or audio signals are present.

Additional DC Blocking Devices including attenuators, terminations and connectors are available. Consult factory.

Model No.	Device Type	Freq. (GHz)	VSWR	Conn. Conf.	A	B
MDC1181-26	DC Block	.01-26.5	1.35:1	2.9 MM-M/F	.855	Ø .28
MDC1181HS4	HV DC Block	0.1-4	1.25:1	SMA-M/F	.860	Ø .28
MDC1181HS	HV DC Block	0.1-18	1.35:1	SMA-M/F	1.08	Ø .36
MDC1181HN	HV DC Block	0.1-18	1.35:1	N-M/F	1.78	Ø .56
MDC1181F2	75 Ω DC Block	.01-2	1.35:1	F-M/F	1.51	Ø .33
MDC1181N4	75 Ω DC Block	0.1-4	1.35:1	N-M/F	1.90	Ø .56
MDC1181B4	75 Ω DC Block	0.1-4	1.35:1	BNC-M/F	1.60	Ø .50
MDC1181BMSF	DC Block*	0.01-4	1.35:1	BNC-M/SMA-F	1.39	Ø .50
MDC1181NMSM	DC Block	0.01-18	1.25:1	N-M/SMA-M	1.58	Ø .56
MDC1181NMSF	DC Block	0.01-18	1.25:1	N-M/SMA-F	1.43	Ø .56
MDC1181NFSM	DC Block	0.01-18	1.25:1	N-F/SMA-M	1.66	Ø .56
MDC1181NFSF	DC Block	0.01-18	1.25:1	N-F/SMA-F	1.53	Ø .56

*: 100V Rating, all others except HV Series are 200 V.

