

Isolated 3-Way Power Dividers

Stripline Connectorized Packages

Features

- Use as Divider or Combiner
- Excellent Amplitude, Phase Tracking
- SMA connectors standard
- Low loss and VSWR
- 30 watts power (1.20:1 VSWR)
- Isolation = 16 dB minimum (17 dB for MDC 2325)

Midisco has expanded its line of isolated, true 3-Way power dividers to include ultra-broad band units. They are the MDC2369A which covers 2 – 20 GHz, and the MDC2369B which spans 0.5 – 18 GHz. These units are in addition to an array of 18 models covering all the standard octave and narrow band frequency range. Units are also available with type N connectors.

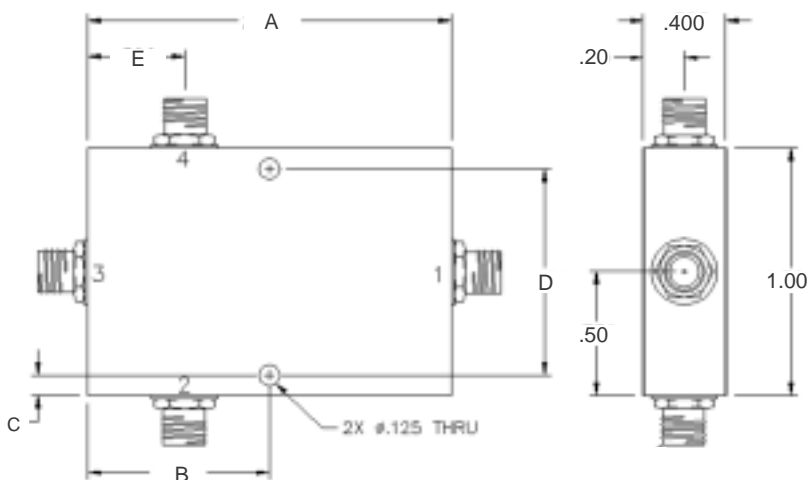
Selected Models Performance

Model	Freq. (GHz)	Loss (dB)	VSWR
MDC2325	2 - 4	0.7 max	1.40:1
MDC2326	4 - 8	0.9 max	1.60:1
MDC2369A	2 - 20	1.8 max	1.60:1
MDC2369B	.5 - 18	2.6 max	1.60:1

Dimensions (see figure)

Model	A	B	C	D	E
MDC2325	2.20	1.10	.125	1.25	.590
MDC2326	2.00	1.00	.150	.70	.360
MDC2369A	2.80	1.40	.150	.70	.395
MDC2369B	7.35	3.68	.100	.80	.370

Note: Width of MDC 2325 is 1.50, and thickness is 0.50



Telecom Power Combiners

Low Loss, Type N Connectors

Features

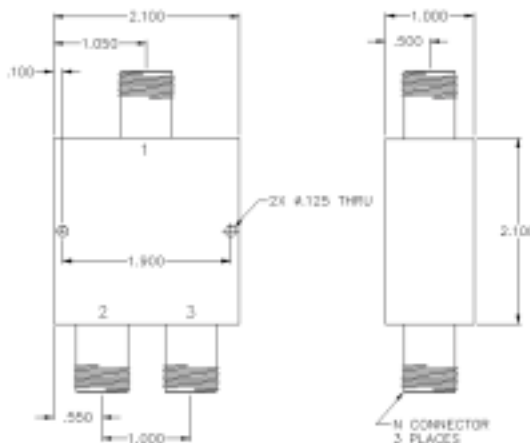
- 50 - 200 watt/port capability
- Low Insertion Loss
- High isolation
- Frequency: .8 – 2.2 GHz, 1.7 – 2.2 GHz, .8 – 1.0 GHz, 5 – 250 & 5 – 500 MHz.
- Excellent Amplitude, Phase Tracking

Midisco is now offering the MDC05150 series of high power signal combiners designed for the telecom bands. They feature low insertion loss and high isolation. Units with up to 200 watts of power handling capability per port are available. Consult factory for details.

Performance Summary

Model	Frequency	Loss (dB)	Isolation
MDC05150	.8 - 2.2 GHz	0.5 max	18 dB min.
MDC05151	1.7 - 2.2 GHz	0.4 max	20 dB min.
MDC05152	.8 - 1.0 GHz	0.3 max	25 dB min.

1. 50 watts/port power for all units shown
2. VSWR (max): MDC05150 = 1.40:1, MDC05151 = 1.30:1, MDC05152 = 1.20:1.



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