

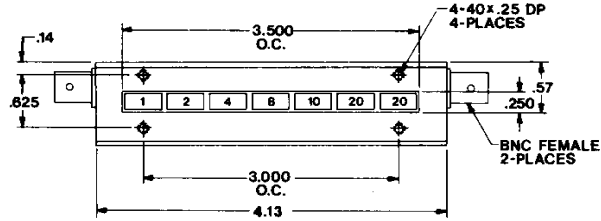
Pushbutton Attenuators

50 & 75 Ohm

Features

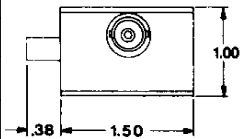
- Wide Attenuation Range
- Close Attenuation Accuracy
- 75 or 50 Ohm
- Rugged Construction
- -20°C to + 85°C Operating Temperature
- Delivery from stock
- 1 Watt Average, 1000 Watts Peak

MIDISCO Pushbutton Attenuators are available in eight models; six 50 ohm units, and two that are 75 ohms. Step sizes available depending on model selected are 0.5 dB, 1 dB, 2 dB, 4 dB, 10 dB and 20 dB. Attenuation ranges provided



are 45.5 dB, 65 dB, 82.5 dB, 85 dB and 102 dB. Units with ranges greater than 65 dB are slightly larger than shown in accompanying figure. Consult factory for details.

Model	Freq. Range (MHz)	Range, Step Size	Attenuation Steps (dB)	VSWR (max.) vs Frequency			Loss dB (max.)	Attenuation Accuracy (+/- dB) vs Frequency			
				DC-100	100-500	500-750		DC-100	100-300	300-500	500-750
MDC2018B-22 ¹ (50 Ω)	DC-750	0-65 dB 1dB steps	1, 2, 4, 8, 10, 20, 20	1.1	1.3	1.4	1.0 @ 500 MHz	0.3	0.5	0.8	1.3
MDC2018B-23 ¹ (50 Ω)	DC-750	0-45.5 dB 0.5dB steps	0.5, 1, 2, 4, 8, 10, 20	1.1	1.3	1.4	1.0 @ 500 MHz	0.2	0.3	0.5	0.75
MDC2018B-64 ² (50 Ω)	DC-750	0-102 dB 1dB steps	1, 2, 3, 6, 10, 20, 20, 20, 20	1.4	1.4	1.4	1.5	0.3, or 1%	0.3, or 1%	0.3, or 1%	0.3, or 1%
MDC2018B-65 ² (50 Ω)	DC-750	0-82.5 dB 0.5dB steps	0.5, 1, 2, 3, 6, 10, 20, 20, 20	1.4	1.4	1.4	1.5	0.3, or 1%	0.3, or 1%	0.3, or 1%	0.3, or 1%
MDC2018B-71 ² (50 Ω)	DC-1300	0-102 dB 1dB steps	1, 2, 3, 6, 10, 20, 20, 20, 20	1.5	1.5	1.5	750 MHz: 2, 1300 MHz: 4	0.5, or 2%	0.5, or 2%	0.5, or 2%	0.5, or 2% ³
MDC2018B-56 ² (50 Ω)	DC-750	0-85 dB 1dB steps	1, 2, 4, 8, 10, 20, 20, 20	1.3	1.3	1.4	500 MHz: 1 750 MHz: 1.5	0.5, or 1%	0.5, or 1%	0.5, or 2%	0.5, or 2%
MDC2718B-22 ¹ (75 Ω)	DC-500	0-65 dB 1dB steps	1, 2, 4, 8, 10, 20, 20	1.1	1.2	1.3	1.0 @ 500 MHz	0.3	0.5	0.8	N/A
MDC2718B-23 ¹ (75 Ω)	DC-500	0-45.5 dB 0.5dB steps	0.5, 1, 2, 4, 8, 10, 20	1.1	1.2	1.3	1.0 @ 500 MHz	0.2	0.3	0.5	N/A



Notes:

- 1 BNC connectors are standard. Change "B" to "F" for F female connectors (75 Ω units only)
2. BNC connectors are standard. Change B to N, S, or T for type N, SMA, or TNC female respectively.
3. +/-0.5 dB or 3% of programmed attenuation from 750 to 1300 MHz.

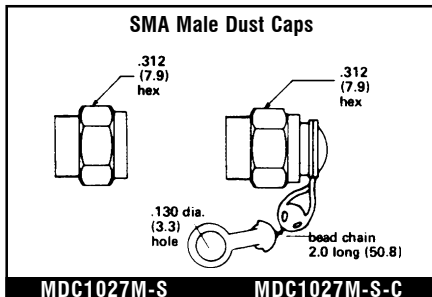
Coaxial Accessories

Resistive Terminations & Dust Caps

Features

- Sturdy Construction
- All Applicable MIL-Specs
- Special Impedances Available
- Other Connector Types Available
- With or Without Bead Chains
- Tarnish Resistant
- Delivery from stock

The accessories shown below are typical of the most popular types of Terminations and Dust Caps. In addition, MIDISCO has similar items with UHF, HN, C, SMB, SMC, and many other types of connector configurations. By adding the suffix "-C" a bead chain may be specified. The user should also be aware of the precision types of Coaxial Terminations and Shorts which may be found in other sections of this catalog.



Notes:

Suffix "-C" for a Bead Chain.
SMA Accessories are Passivated Stainless Steel;
all others are Brass with Bright Alloy finish

Model	Connector	Description
MDC1026M-B-(ohms)	BNC Male	25, 50, 75, 93, 100, 150 or 600 ohm Resistive Termination 1%, 1/2 watt
MDC1027M-B	BNC Male	Male Dust Cap-Non Shorting for protection of BNC Females
MDC1027F-B	BNC Female	Female Dust Cap-Non Shorting for protection of BNC Males
MDC1026M-T-(ohms)	TNC Male	25, 50, 75, 93, 100, 150 or 600 ohm Resistive Termination 1%, 1/2 watt
MDC1027M-T	TNC Male	Male Dust Cap-Non Shorting for protection of TNC Females
MDC1027F-T	TNC Female	Female Dust Cap-Non Shorting for protection of TNC Males
MDC1026M-N-(ohms)	N Male	25, 50, 75, 93, 100, 150 or 600 ohm Resistive Termination 1%, 1/2 watt
MDC1027M-N	N Male	Male Dust Cap-Non Shorting for protection of N Females
MDC1027F-N	N Female	Female Dust Cap-Non Shorting for protection of N Males
MDC1026M-S	SMA Male	25, 50, 75, 93, 100, 150 or 600 ohm Resistive Termination 1%, 1/2 watt
MDC1027M-S	SMA Male	Male Dust Cap-Non Shorting for protection of SMA Females
MDC1027F-S	SMA Female	Female Dust Cap, Non Shorting for protection of SMA Males
MDC1027M-SS	SSMA Male	Male Dust Cap, Non-Shorting for protection of SSMA Females
MDC1027M-H	HN Male	Male Dust Cap, Non-Shorting for protection of HN Females
MDC1027F-H	HN Female	Female Dust Cap, Non-Shorting for protection of HN Males
MDC1027M-7/16	7/16 Male	Male Dust Cap, Non-Shorting for protection of 7/16 Females