

Coaxial Terminations

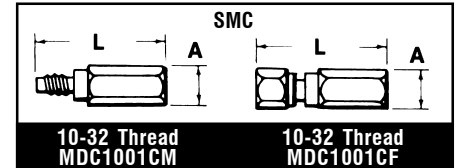
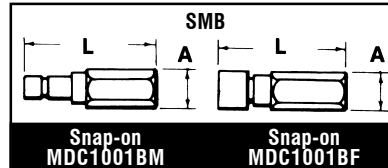
Type N, TNC, BNC, SMB, SMC

Features

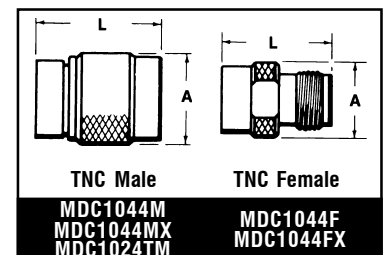
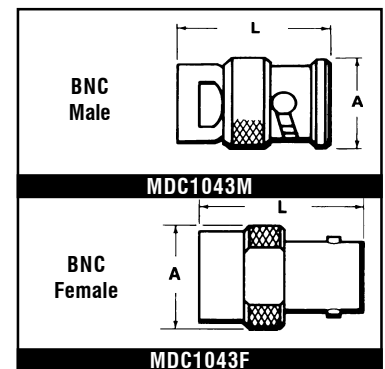
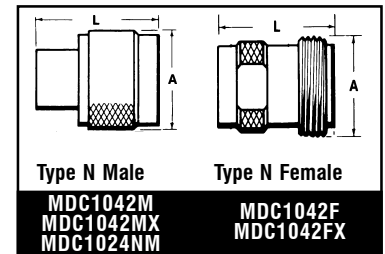
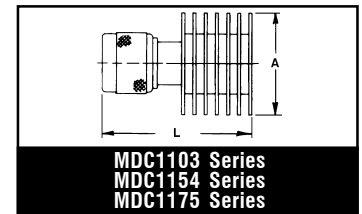
- Construction per all applicable MIL-Specs
- Interface per MIL-PRF-39012
- Low VSWR
- Small size
- DC to 18 GHz
- Lightweight
- 50 ohms (other impedance available)
- Operating temperature -55°C to +125°C
- RF leakage 90 dB minimum
- Some precision models in brass or stainless
- Higher power models available
- Most available with bead chain (Suffix "-C")
- SMB (snap on) and SMC terminations shown
- Delivery from stock

MIDISCO

coaxial terminations in the series shown were designed for optimum performance in the smallest package possible. Parameters for cost consideration when making a selection include connector type, frequency range, power handling and reflection coefficient (VSWR). The range of models shown is sufficient for laboratory & systems applications. Construction is in accordance with all applicable military specifications and connector interface is per MIL-PRF-39012. Some of the stainless steel "X" models shown are available in brass, indicated by dropping the "X". Most models shown can be obtained with a bead chain (add suffix "-C"). Higher power and models selected for narrow frequency applications may be ordered; models shown are in stock.



Model Number	Connector Type	Power @ 25°C		VSWR (max) @ Frequency (GHz)				L (in) (max)	A (in) (dia.)	Material & Finish	Weight (oz)
		Avg. (W)	Peak (kW)	DC-4*	4-8	8-12	12-18				
MDC1042M	N Male	2	1.0	1.10	1.10	1.15		0.98	0.80	Stainless Steel Passivated	1.43
MDC1042MX							1.25	1.50			1.57
MDC1024NM		5	2.0		1.15	1.20		1.85	1.02	Stainless Steel Connector with Black Anodized Aluminum Body	1.79
MDC1103NX					1.20	1.41	5.06	1.66	10.00		
MDC1154NM					1.15	1.25	1.93	1.25	10.00		
MDC1175NM	40	7.5	1.20	1.30	1.41	4.91	1.66	Stainless Steel Connector with Black Anodized Aluminum Body	3.30		
MDC1175NF	N Female	40	7.5	1.20	1.30	1.41	4.91	1.66	Stainless Steel Connector with Black Anodized Aluminum Body	10.00	
MDC1154NF		15	2.0	1.15	1.20	1.25	1.30	1.93	1.25	3.30	
MDC1103NFX		5	2.0	1.10	1.15	1.20	1.30	1.80	0.75	1.72	
MDC1042F		2	1.0	1.10	1.10	1.15		0.98	0.65	Brass with Bright Alloy	1.30
MDC1042FX							1.40				
MDC1044M	TNC Male	2	1.0	1.10	1.10	1.15		0.87	0.60	Brass with Bright Alloy	1.03
MDC1044MX							1.40	1.50			1.40
MDC1024TM							1.20	1.50			1.40
MDC1103TX		5	2.0	1.15	1.20	1.25	1.30	1.80	1.02	Stainless Steel Connector with Black Anodized Aluminum Body	1.51
MDC1154TM								2.30	1.38		2.82
MDC1154TF	TNC Female	15	2.0	1.15	1.20	1.25	1.30	2.30	1.38	Stainless Steel Connector with Black Anodized Aluminum Body	2.74
MDC1103TFX		5	2.0	1.10	1.15	1.20	1.30	1.90	0.75	1.44	
MDC1044F		2	1.0	1.10	1.10	1.15		0.88	0.56	Brass with Bright Alloy	0.96
MDC1044FX							1.40				
MDC1043M		BNC Male	2	1.0	1.10	1.15		0.83	0.56	Brass with Bright Alloy	1.02
MDC1103BX	5		2.0	1.15	1.25	-	-	1.65	1.02	Stainless Steel Connector with Black Anodized Aluminum Body	1.93
MDC1154BM						2.10	1.25	2.30			
MDC1154BF	BNC Female	15	2.0	1.15	1.25		2.15	1.25	Same as Above	2.15	
MDC1043F		2	1.0	1.10	1.15		0.88	0.57	Brass with Bright Alloy	0.90	
MDC1001BM	SMB Male	0.5	0.2	1.20	-	-	-	0.85 (1)	0.23	Brass with Bright Alloy	0.08
MDC1001BF	SMB Female										
MDC1001CM	SMC Male	0.5	0.2	1.20	1.30	-	-	0.85 (1)	0.23	Brass with Bright Alloy	0.08
MDC1001CF	SMC Female										



*: DC-1 GHz for SMB, SMC

1: Smaller models are available

MDC1103BX, 1103NX, and 1103TX available with nickel plated brass connectors; drop "X" from part number.

For a bead chain, add suffix "-C" to Model Number.

Example" MDC1042M-C. The power chain ratings shown are at +25°C, although some will provide the same performance up to 75°C.