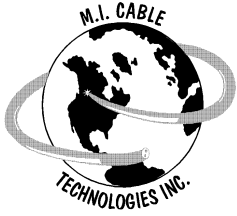


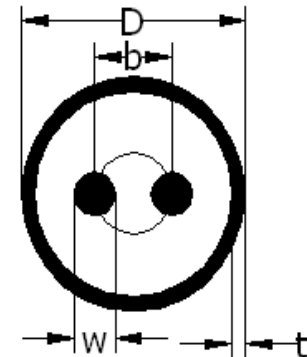
Drawing # S-0100-01-04



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Simplex Thermocouple Cable Design Specifications

Cable Diameter (D)	(inch)	0.059	0.063	0.079	0.118	0.125	0.177	0.188	0.236	0.250	0.313	0.375	0.425	0.500
	(mm)	1.5	1.6	2.0	3.0	3.2	4.5	4.8	6.0	6.4	8.0	9.5	10.8	12.7
Wire Diameter (W)	(inch)	0.010	0.010	0.013	0.019	0.021	0.029	0.031	0.039	0.041	0.052	0.062	0.070	0.083
	(mm)	0.25	0.26	0.33	0.49	0.52	0.74	0.79	0.99	1.05	1.31	1.57	1.78	2.10
Sheath Thickness (t)	(inch)	0.007	0.007	0.009	0.014	0.015	0.020	0.022	0.027	0.029	0.036	0.043	0.049	0.058
	(mm)	0.17	0.18	0.23	0.34	0.38	0.52	0.55	0.69	0.73	0.91	1.10	1.24	1.46
Bolt Circle Diameter (b)	(inch)	0.018	0.019	0.025	0.037	0.039	0.055	0.059	0.074	0.078	0.098	0.118	0.133	0.157
	(mm)	0.46	0.48	0.64	0.94	0.99	1.40	1.50	1.88	1.98	2.49	3.00	3.38	3.99
Coil Length	(feet)	2000	2000	2000	2246	2002	998	885	562	500	319	222	173	125
	(m)	610	610	610	685	610	304	270	171	152	97	68	53	38
IR Test Voltage	VDC	500	500	500	500	500	500	500	500	500	500	500	500	500
Dielectric Test Voltage	VAC	500	500	500	500	500	750	750	1000	1000	1000	1000	1000	1000



Cable dimensions shown are nominal. Actual dimensions may vary within tolerance limits. Specifications subject to change without notice.