

Drawing # S-0100-01-02

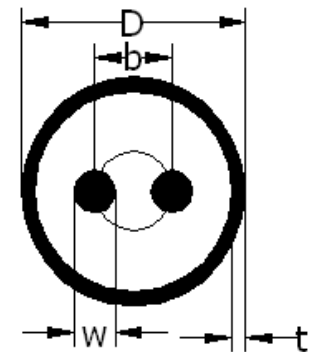


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Simplex Thermocouple Cable Design Specifications

14/03/2012

<b>Cable Diameter (D)</b>	(inch)	<b>0.059</b>	<b>0.063</b>	<b>0.079</b>	<b>0.118</b>	<b>0.125</b>	<b>0.177</b>	<b>0.188</b>	<b>0.236</b>	<b>0.250</b>	<b>0.313</b>	<b>0.375</b>	<b>0.425</b>	<b>0.500</b>
	(mm)	<b>1.5</b>	<b>1.6</b>	<b>2.0</b>	<b>3.0</b>	<b>3.2</b>	<b>4.5</b>	<b>4.8</b>	<b>6.0</b>	<b>6.4</b>	<b>8.0</b>	<b>9.5</b>	<b>10.8</b>	<b>12.7</b>
<b>Wire Diameter (W)</b>	(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
<b>Sheath Thickness (t)</b>	(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
<b>Bolt Circle Diameter (b)</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
<b>Coil Length</b>	(feet)	1000	1000	1000	1900	1700	850	750	470	420	270	180	150	100
	(m)	305	305	305	579	518	259	229	143	128	82	55	46	30
<b>IR Test Voltage</b>	VDC	500	500	500	500	500	500	500	500	500	500	500	500	500
<b>Dielectric Test Voltage</b>	VAC	500	500	500	750	750	1000	1000	1000	1000	1000	1000	1000	1000



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