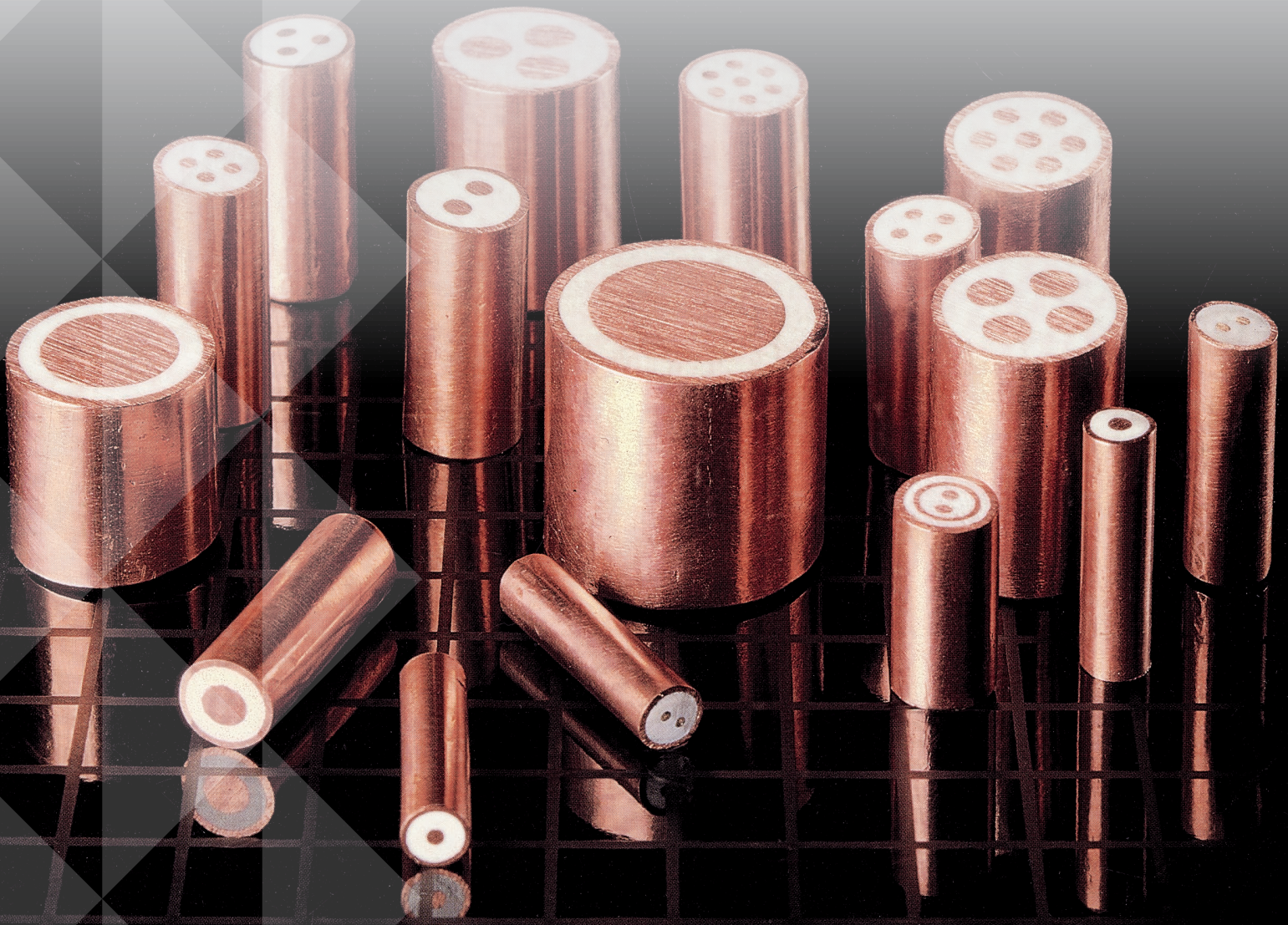




PYROTENAX

ELECTRICAL CIRCUIT PROTECTIVE SYSTEM

2-HOUR FIRE-RATED ELECTRICAL CABLE - SIZE CHART



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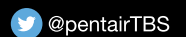
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THERMAL BUILDING SOLUTIONS

ELECTRICAL CIRCUIT PROTECTIVE SYSTEM

PYROTENAX



2-HOUR FIRE-RATED ELECTRICAL CABLES (TYPE MI)

<p>NEC Ampacity Rating 75°C/90°C CEC Ampacity Rating 75°C/90°C Termination Size 16 AWG Cable Reference</p>		<p>- / 18 - / 18 1/2" 2/16-340</p>	<p>- / 18 - / 18 1/2" 3/16-355</p>	<p>- (-) / 18(14)* - (-) / - (-) 1/2" 4/16-387</p>	<p>- (-) / 14(13)* - (-) / - (-) 3/4" 7/16-449</p>
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 14 AWG Cable Reference</p>		<p>20 / 25 1/2" 2/14-371</p>	<p>20 / 25 1/2" 3/14-387</p>	<p>20(16) / 25(20)* 3/4" 4/14-465</p>	<p>16(14) / 20(18)* 3/4" 7/14-496</p>
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 12 AWG Cable Reference</p>		<p>25 / 30 1/2" 2/12-402</p>	<p>25 / 30 3/4" 3/12-480</p>	<p>25(20) / 30(24)* 3/4" 4/12-465</p>	<p>20(18) / 24(21)* 3/4" 7/12-543</p>
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 10 AWG Cable Reference</p>	<p>50 / 55 1/2" 1/10-277</p>	<p>35 / 40 3/4" 2/10-449</p>	<p>35 / 40 3/4" 3/10-480</p>	<p>35(28) / 40(32)* 3/4" 4/10-590</p>	<p>28(25) / 32(28)* 1" 7/10-621</p>
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 8 AWG Cable Reference</p>	<p>70 / 80 1/2" 1/8-298</p>	<p>50 / 55 3/4" 2/8-512</p>	<p>50 / 55 3/4" 3/8-590</p>	<p>50(40) / 55(44)* 3/4" 4/8-590</p>	<p>40(35) / 44(39)* 1-1/4" 7/8-710**</p>
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 6 AWG Cable Reference</p>	<p>95 / 105 1/2" 1/6-340</p>	<p>65 / 75 3/4" 2/6-590</p>	<p>65 / 75 3/4" 3/6-621</p>	<p>65(52) / 75(60)* 1-1/4" 4/6-730</p>	
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 4 AWG Cable Reference</p>	<p>125 / 140 1/2" 1/4-402</p>	<p>85 / 95 1" 2/4-684</p>	<p>85 / 95 1-1/4" 3/4-746</p>	<p>600 VOLT POWER AND CONTROL CABLES</p>	
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 3 AWG Cable Reference</p>	<p>145 / 165 3/4" 1/3-449</p>	<p>100 / 115 1-1/4" 2/3-768</p>	<p>100 / 115 1-1/4" 3/3-834</p>		
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 2 AWG Cable Reference</p>	<p>170 / 190 3/4" 1/2-449</p>	<p>115 / 130 1-1/4" 2/2-865**</p>			
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 1 AWG Cable Reference</p>	<p>195 / 220 3/4" 1/1-496</p>	<p>130 / 145 1-1/4" 2/1-975**</p>			
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 1/0 AWG Cable Reference</p>	<p>230 / 260 3/4" 1/1/0-512</p>				
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 2/0 AWG Cable Reference</p>	<p>265 / 300 3/4" 1/2/0-580</p>				
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 3/0 AWG Cable Reference</p>	<p>310 / 350 3/4" 1/3/0-621</p>				
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 4/0 AWG Cable Reference</p>	<p>360 / 405 1" 1/4/0-684</p>				
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 250kcmil Cable Reference</p>	<p>405 / 455 1-1/4" 1/250-746</p>				
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 350 kcmil Cable Reference</p>	<p>505 / 570 1-1/4" 1/350-834</p>				
<p>NEC & CEC Ampacity Rating 75°C/90°C Termination Size 500 kcmil Cable Reference</p>	<p>620 / 700 1-1/4" 1/500-1000</p>				

300 VOLT TWISTED PAIR AND SHIELDED TWISTED PAIR CABLES			
	Twisted Pair		Shielded Twisted Pair
<p>Termination Size 18 AWG</p>	1/2"		3/4"
Cable Reference	2/18-215T		2/18-324TS
<p>Termination Size 16 AWG</p>	1/2"		3/4"
Cable Reference	2/16-246T		2/16-364TS

* On 4 and 7 conductor cable, the higher ampacity applies if one conductor is used as a neutral. ** Check factory for availability Note: For 14 AWG, 12 AWG 10 AWG, refer to appropriate sections of NEC and CEC governing conductor overcurrent protection limitations.