

TYPE TC-ER POWER CABLE M-4

DESCRIPTION:

Alan Wire Type TC-ER Control Cable is intended for use in accordance with Article 336 of ANSI/NFPA 70 National Electrical Code. It is suitable for use in wire ways, trays, channels, conduit and ducts. It is UL Listed for direct burial in wet or dry locations, sunlight resistant and available as Exposed run (ER) for use between cable trays and utilization equipment in accordance with NEC 336.10 (7).

STANDARDS AND SPECIFICATIONS:

- 8 AWG thru 500MCM soft annealed, bare copper per ASTM B3 & ASTM-B787
- UL 83
- Flame retardant insulation
- PVC Rated for use at 90° C dry
- PVC Rated for use at 75° C wet
- Gasoline & Oil Resistant II
- Color coded per method ICEA Method M4 with printed numbers
- Finished cable meets specification UL 1277
- ARRA 2009 Section 1605 "Buy American" Compliant

Conductor		Grnd Size	Nominal Jacket Thickness (Inches)	Nominal O.D. (Inches)	Approx Net WT./MFT
Size (AWG)	Number of Conductors				
8	3	10	0.060	0.57	288
8	4	10	0.060	0.66	385
6	3	8	0.060	0.61	415
6	4	8	0.060	0.67	549
4	3	8	0.080	0.78	650
4	4	8	0.080	0.95	806
2	3	6	0.080	0.91	957
2	4	6	0.080	1.05	1195
1	3	6	0.080	1.21	1395
1/0	3	6	0.080	1.28	1447
2/0	3	6	0.080	1.35	1737
3/0	3	4	0.080	1.41	2200
4/0	3	4	0.080	1.58	2595
250	3	4	0.110	1.75	3039
350	3	3	0.110	2.15	3698
500	3	2	0.110	2.23	5678



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