

# TYPE TC-ER 600 VOLT 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. Suitable for use in wire ways, trays, channels, conduit, ducts, and Class I Division II Hazardous Locations. It is UL listed for direct burial in wet or dry locations, or in areas exposed to chemicals or oils. Sunlight resistant and available as exposed run (ER) for use between cable trays and utilization equipment and Joist Pull Applications in accordance with NEC 336.10 (7).

## STANDARDS AND SPECIFICATIONS:

- 8 AWG Thru 500 MCM Soft-Annealed, Bare Copper per ASTM B3 & ASTM-B787
- UL 83
- Flame-Retardant Insulation
- PVC Rated 90°C dry/75°C wet
- Color Coded per Method ICEA Method M4 With Printed Numbers
- Finished Cable Meets Specification UL 1277
- ARRA 2009 Section 1605 "Buy American" Compliant
- Constructed With Nylon Rip-Cord

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 MCM	3	4	0.110	1.75	3039
350 MCM	3	3	0.110	2.15	3698
500 MCM	3	2	0.110	2.23	5678