TRAY CABLE

Aluminum Tray Cable UL Type TC / TC-ER – 600V
XHHW-2 Insulation – with Ground – PVC Jacket

APPLICATION:

Primarily used for power, control, signal, communication, and lighting circuits in commercial and industrial environments. Suitable for installation in cable trays, supported by messenger wire in open air, raceways, channels, conduits, and ducts. Approved for direct burial and outdoors in cable trays where sunlight resistance is required. Also, may be installed in wet or dry locations or in areas exposed to chemicals and oils. Its aluminum alloy conductors are lightweight and provide increased flexibility for easy installation. It is rated 600 volt at temperature not to exceed 90°C for wet or dry locations.

CONDUCTORS:

- Class B compact stranded aluminum alloy (8000 Series) per ASTM B800 and ASTM B801

INSULATION:

- Flame retardant Cross-linked Polyethylene (FR-XLPE) that is heat and moisture resistant. XHHW-2 per UL 44

COLOR CODE:

Black insulation with ICEA Method 4 printed numbers and Green insulated ground

Cond #	Cond Printing
1	"1-One"
2	"2-Two"
3	"3-Three"
4	"4-Four"

GROUND:

- Green insulated Class B compact stranded aluminum alloy (8000 Series)

JACKET:

- Heat, oil, moisture, and sunlight resistant black Polyvinyl Chloride (PVC) applied over a taped assembly rated 90°C wet or dry per UL 1277

STANDARDS:

- UL Listed as TC-ER (Exposed Run) per UL Standard 1277 and used in accordance with NEC Article 336
- UL 44 Type XHHW-2
- Individual conductors pass UL 2556 Horizontal Flame Test
- UL 1685 FT4/IEEE 1202 Flame Test Compliance
- Approved for Class 1 or 2, Division 2 industrial hazardous locations per NEC
- Rated at 90°C wet or dry
- Oil Resistant PRI/PRII conductors. Gas and Oil Res GRI/GRII conductors

#2570-01

RoHS COMPLIANT

1-800-945-5542
www.PriorityWire.com

PRIORITY WIRE & CABLE, INC.

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XHHW-2 Insulation – with Ground – PVC Jacket

Part Number	Conductor Size	No. of Conductors	Ground Wire Size	Insulation Thickness		Jacket Thickness		Overall Diameter	Net Weight	Ampacity*	
										75°C	90°C
	AWG/KCMIL		AWG	inches	mm	inches	mm	inches	lbs/kft	amps	amps
THREE CONDUCTORS WITH GROUND											
6-03TCG-XLP-ALUM	6	3	6	0.045	1.1	0.060	1.5	0.77	270	50	55
4-03TCG-XLP-ALUM	4	3	6	0.045	1.1	0.080	2.0	0.89	373	65	75
2-03TCG-XLP-ALUM	2	3	6	0.045	1.1	0.080	2.0	0.99	478	90	100
1/0-03TCG-XLP-ALUM	1/0	3	4	0.055	1.4	0.080	2.0	1.18	686	120	135
3/0-03TCG-XLP-ALUM	3/0	3	4	0.055	1.4	0.080	2.0	1.34	924	155	175
2/0-03TCG-XLP-ALUM	2/0	3	4	0.055	1.4	0.080	2.0	1.26	794	135	150
4/0-03TCG-XLP-ALUM	4/0	3	2	0.055	1.4	0.080	2.0	1.47	1126	180	205
250-03TCG-XLP-ALUM	250	3	2	0.065	1.7	0.080	2.0	1.59	1311	205	230
300-03TCG-XLP-ALUM	300	3	1	0.065	1.7	0.110	2.8	1.77	1606	230	260
350-03TCG-XLP-ALUM	350	3	2	0.065	1.7	0.110	2.8	1.86	1797	250	280
500-03TCG-XLP-ALUM	500	3	1	0.065	1.7	0.110	2.8	2.12	2387	310	350
600-03TCG-XLP-ALUM	600	3	1/0	0.080	2.0	0.110	2.8	2.36	2880	340	385
750-03TCG-XLP-ALUM	750	3	1/0	0.080	2.0	0.110	2.8	2.56	3437	385	435
FOUR CONDUCTORS WITH GROUND											
8-04TCG-XLP-ALUM	8	4	8	0.045	1.1	0.060	1.5	0.75	248	32	36
2-04TCG-XLP-ALUM	2	4	6	0.045	1.1	0.080	2.0	1.10	590	72	80
1/0-04TCG-XLP-ALUM	1/0	4	4	0.055	1.4	0.080	2.0	1.32	764	96	108
4/0-04TCG-XLP-ALUM	4/0	4	2	0.055	1.4	0.080	2.0	1.65	1425	144	164
500-04TCG-XLP-ALUM	500	4	1	0.065	1.7	0.110	2.8	2.35	3010	248	280

All values are nominal and subject to correction
**Ampacities for not more than three current carrying conductors in raceway or cable or earth (directly buried), based on ambient temperature of 30°C per Table Note: 310.16 of the 2023 National Electrical Code*

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