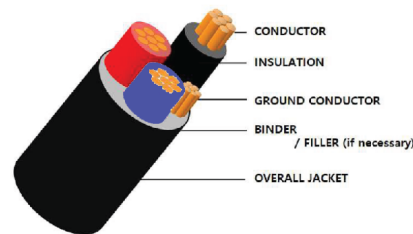


XLP TRAY CABLE UL TYPE TC / TC-ER – 600V/1KV

XHHW / XHHW-2 Insulation – with Ground – PVC Jacket

APPLICATION:

TC, TC-ER cables are used in building wiring, feeder and internal secondary industrial distribution, and specially utilized for abrasive environment, grease, gasoline and other chemical contaminated ambient locations.



CONDUCTORS:

- Solid or stranded bare copper per ASTM-B3, ASTM-B8 and ASTM-B787

INSULATION:

- Rated 90°C wet or dry to meet UL 44 for XHHW-2
- Cross-linked polyethylene (XL)
- Heat and moisture-resistant
- Flame retardant compound per UL 44 (QMTT2 PVC compound listed by UL)

GROUND CONDUCTOR:

- Insulated conductor or bare conductor.

ASSEMBLY:

- The insulated conductors are cabled together with a insulated ground or bare conductor.
- With or without fillers as required to form a round compact core.
- Nylon ripcord for easy stripping (if necessary)

PRODUCT PRINT LEGEND:

- TC-ER (no ground wire type)
- AWG O/C TYPE TC-ER-JP XHHW-2 90C 600V SUN RES OIL RES-I FT 4 / IEEE 1202 DIR BURIAL (UL) E519485 0000FTMM/YY
- TC-ER (with ground wire type)
- AWG O/CW/GND TYPE TC-ER-JP XHHW-2 90C 600V SUN RES OIL RES-I FT 4 / IEEE 1202 DIR BURIAL (UL) E519485 0000FTMM/YY

OUTER SHEATH (OVERALL JACKET):

- A flame retardant, sunlight-resistant black PVC jackets
- The thickness of the Overall Jacket is in accordance with the UL1277 standard.

PRODUCT SERVICE DESCRIPTION:

- Class 1 Division 2 rated
- ER (Exposed Run)
- Sunlight resistance
- Oil resistance-I
- Cold bend -25°C
- Direct burial
- Joist pulling
- IEEE 1202/FT4 70,000 BTU/hour flame test

STANDARDS & REFERENCE:

- ASTM 88 Standard Specification for Concentric-Lay-Stranded Copper Conductors, Hard, Medium-Hard, or Soft
- ASTM B3 Standard Specification for Soft or Annealed Copper Wire
- ICEA S-95-658/NEMA WC-70
- UL 1581 Reference Standard for Electrical Wires, Cables, and Flexible Cords
- UL 2556 Wire and Cable Test Methods
- UL 1685 Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables
- UL 44 Thermoplastic-Insulated Wires and Cables
- UL 1277 Electrical Power and Control Tray Cables with Optional Optical-Fiber Members

XLP TRAY CABLE UL TYPE TC / TC-ER – 600V/1KV

XHHW / XHHW-2 Insulation – PVC Jacket

DWC Part No.	Conductor Size (AWG)	No. of Conductors	No. of Strands	Insulation Thickness		Jacket Thickness		Overall Diameter (approx.)		Approx. Weight (lbs/1000ft)	Max. Pull Tension (lbs)
				mm	inch	mm	inch	mm	inch		
1402XLPTC	14	2	7	0.76	0.030	1.14	0.045	9.0	0.354	70	64
1403XLPTC	14	3	7	0.76	0.030	1.14	0.045	9.5	0.374	87	96
1404XLPTC	14	4	7	0.76	0.030	1.14	0.045	10.5	0.413	108	102
1405XLPTC	14	5	7	0.76	0.030	1.14	0.045	11.5	0.453	125	128
1407XLPTC	14	7	7	0.76	0.030	1.14	0.045	12.5	0.492	160	179
1409XLPTC	14	9	7	0.76	0.030	1.52	0.060	15.5	0.610	205	230
1412XLPTC	14	12	7	0.76	0.030	1.52	0.060	17.0	0.669	272	307
1419XLPTC	14	19	7	0.76	0.030	1.52	0.060	20.0	0.787	404	486
1425XLPTC	14	25	7	0.76	0.030	2.03	0.080	24.5	0.965	522	640
1437XLPTC	14	37	7	0.76	0.030	2.03	0.080	28.0	1.102	768	947
1202XLPTC	12	2	7	0.76	0.030	1.14	0.045	10.0	0.394	93	102
1203XLPTC	12	3	7	0.76	0.030	1.14	0.045	10.7	0.421	117	153
1204XLPTC	12	4	7	0.76	0.030	1.14	0.045	11.8	0.465	148	164
1205XLPTC	12	5	7	0.76	0.030	1.14	0.045	13.0	0.512	179	205
1207XLPTC	12	7	7	0.76	0.030	1.52	0.060	15.0	0.591	231	287
1209XLPTC	12	9	7	0.76	0.030	1.52	0.060	17.5	0.689	315	369
1212XLPTC	12	12	7	0.76	0.030	1.52	0.060	19.5	0.768	390	492
1219XLPTC	12	19	7	0.76	0.030	2.03	0.080	23.5	0.925	577	779
1225XLPTC	12	25	7	0.76	0.030	2.03	0.080	28.0	1.102	786	1026
1237XLPTC	12	37	7	0.76	0.030	2.03	0.080	31.0	1.220	1102	1518
1002XLPTC	10	2	7	0.76	0.030	1.14	0.045	11.5	0.453	132	162
1003XLPTC	10	3	7	0.76	0.030	1.14	0.045	12.0	0.472	172	244
1004XLPTC	10	4	7	0.76	0.030	1.14	0.045	14.5	0.571	220	260
1005XLPTC	10	5	7	0.76	0.030	1.52	0.060	15.5	0.610	282	325
1007XLPTC	10	7	7	0.76	0.030	1.52	0.060	17.0	0.669	365	455
1009XLPTC	10	9	7	0.76	0.030	1.52	0.060	20.0	0.787	462	585
1012XLPTC	10	12	7	0.76	0.030	2.03	0.080	23.0	0.906	623	781
1019XLPTC	10	19	7	0.76	0.030	2.03	0.080	26.5	1.043	920	1236

***Rated for 300 lbs/ft maximum sidewall pressure

XLP TRAY CABLE UL TYPE TC / TC-ER – 600V/1KV

XHHW / XHHW-2 Insulation – with Ground – PVC Jacket

DWC Part No.	Conductor Size (AWG/ MCM)	No. of Conductors	No. of Strands	Ground Size (AWG)	Insulation Thickness		Jacket Thickness		Overall Diameter (approx.)		Approx. Weight (lbs/ 1000ft)	Max. Pull Tension (lbs)
					mm	inch	mm	inch	mm	inch		
1203XLPGTC	12	3	7	12	0.76	0.030	1.14	0.045	11.5	0.453	155	164
1003XLPGTC	10	3	7	10	0.76	0.030	1.14	0.045	14.0	0.551	218	260
0803XLPGTC	8	3	7	10	1.14	0.045	1.52	0.060	18.0	0.709	340	372
0804XLPGTC	8	4	7	10	1.14	0.045	1.52	0.060	19.0	0.748	424	475
0603XLPGTC	6	3	7	8	1.14	0.045	1.52	0.060	20.0	0.787	478	595
0604XLPGTC	6	4	7	8	1.14	0.045	1.52	0.060	22.5	0.886	601	759
0403XLPGTC	4	3	7	8	1.14	0.045	1.52	0.060	23.5	0.925	653	883
0404XLPGTC	4	4	7	8	1.14	0.045	2.03	0.080	26.0	1.024	867	1143
0203XLPGTC	2	3	19	6	1.14	0.045	2.03	0.080	25.0	0.984	1001	1420
0204XLPGTC	2	4	19	6	1.14	0.045	2.03	0.080	28.5	1.122	1273	1839
0103XLPGTC	1	3	19	6	1.40	0.055	2.03	0.080	29.0	1.142	1240	1727
1/003XLPGTC	1/0	3	19	6	1.40	0.055	2.03	0.080	31.5	1.240	1475	2146
1/004XLPGTC	1/0	4	19	6	1.40	0.055	2.03	0.080	34.5	1.358	1887	2807
2/003XLPGTC	2/0	3	19	6	1.40	0.055	2.03	0.080	33.5	1.319	1785	2664
2/004XLPGTC	2/0	4	19	6	1.40	0.055	2.03	0.080	37.0	1.457	2292	3498
3/003XLPGTC	3/0	3	19	4	1.40	0.055	2.03	0.080	37.0	1.457	2210	3414
3/004XLPGTC	3/0	4	19	4	1.40	0.055	2.03	0.080	42.0	1.654	2837	4465
4/003XLPGTC	4/0	3	19	4	1.40	0.055	2.03	0.080	42.0	1.654	2677	4231
4/004XLPGTC	4/0	4	19	4	1.40	0.055	2.79	0.110	46.0	1.811	3556	5555
25003XLPGTC	250	3	37	4	1.65	0.065	2.79	0.110	45.5	1.791	3152	4964
25004XLPGTC	250	4	37	4	1.65	0.065	2.79	0.110	50.5	1.988	4185	6532
35003XLPGTC	350	3	37	3	1.65	0.065	2.79	0.110	51.5	2.028	3836	5957
35004XLPGTC	350	4	37	3	1.65	0.065	2.79	0.110	57.0	2.244	5625	9068
50003XLPGTC	500	3	37	2	1.65	0.065	2.79	0.110	58.0	2.283	4357	6883
60003XLPGTC	600	3	61	2	2.03	0.080	2.79	0.110	65.0	2.559	7187	11678
75003XLPGTC	750	3	61	1	2.03	0.080	3.59	0.141	73.5	2.894	8718	14595

***Rated for 300 lbs/ft maximum sidewall pressure

Product details and specifications are subject to manufacturing variations and accepted industry tolerances. Please contact your DWC Account Manager with questions or to confirm specific product requirements.