

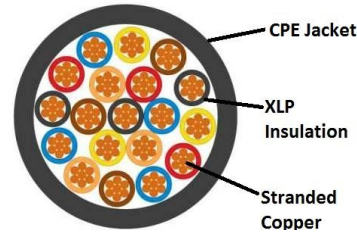
basic wire and cable

3900 N. ROCKWELL ST. CHICAGO, ILLINOIS 60618-3730, TEL: (773) 539-1800, FAX: (773) 539-3500

TYPE XLP-CPE

CONTROL CABLE

XLP Insulation
CPE Jacket
600 Volts, 90°C



APPLICATIONS:

Control or signal cable for important circuits in industrial plants and station control cable for electric utilities where flame resistance is essential. Suitable for the operation and interconnection of protective devices; rated circuit voltage 600 volts; recommended for operation at 90° C maximum continuous conductor temperature in wet or dry locations. Cables may be installed in open air, in ducts or conduits, in tray or trough, and are suitable for direct burial. Suitable for use as Wind Turbine Tray Cable.

CONSTRUCTION:

Stranded copper conductors, XLP insulated, Method 1 - Table E1 or E2 color coded or Method 4 phase-identified, conductors twisted with suitable fillers, CPE jacket overall, surface printed.

STANDARDS:

1. Conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44.
3. Type TC Cable UL 1277 and Type WTTC UL 2277(1000V)
4. UL 1685 Vertical Flame Test
5. Cables pass IEEE-383.
6. Sunlight Resistant
7. Cables meet requirements of ICEA S-73-532 and ICEA S-95-658/NEMA WC70.
8. Cable Suitable for use between cable tray and utilization equipment per NEC 336.10(7) if marked "-ER"

NO.OF CONDS.	BASIC CAT NO.	O.A. mils	O.D. in.	WEIGHT lbs/mft	BASIC CAT NO.	O.A. mils	O.D. in.	WEIGHT lbs/mft
18 AWG – STRANDED								
2	6-0002	45	.31	55	6-352	45	.34	79
3	6-0003	45	.33	72	6-353	45	.36	95
4	6-0004	45	.37	89	6-354	45	.39	110
5	6-0005	45	.42	110	6-355	60	.42	115
7	6-0007	45	.46	130	6-357	60	.46	135
9	6-0009	45	.50	167	6-359	60	.57	175
12	6-0012	45	.59	196	6-362	60	.61	240
15	6-0015	60	.61	223	6-365	80	.68	295
19	6-0019	60	.75	254	6-369	80	.71	345
25	6-0025	60	.84	314	6-375	80	.82	460
31	6-0031	80	.85	368	6-381	80	.92	580
37	6-0037	80	.97	438	6-387	80	.97	665
16 AWG – STRANDED								

OPTIONS: Also available with -G Ground Wire, -SH Mylar Aluminum Foil Shield, -CT Copper Tape Shield,

Dimensional data not binding, we reserve the right to alter specifications without notice.

SHIPPING TOLERANCE +/- 10%



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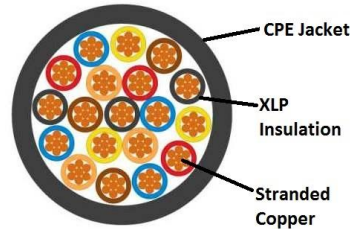
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CONSTRUCTION:

Stranded copper conductors, XLP insulated, Method 1 - Table E1 or E2 color coded or Method 4 phase-identified, conductors twisted with suitable fillers, CPE jacket overall, surface printed.

STANDARDS:

1. Conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44.
3. Type TC Cable UL 1277 and WTTC UL 2277 (1000V)
4. UL 1685 Vertical Flame Test
5. Cables pass IEEE-383.
6. Sunlight Resistant
7. Cables meet requirements of ICEA S-73-532 and ICEA S-95-658/NEMA WC70.
8. Cable Suitable for use between cable tray and utilization equipment per NEC 336.10(7) if marked "-ER"
9. 3 or more conductors suitable for direct burial applications

No. OF conds.	BASIC cat no.	O.A. mils	O.D. in.	WEIGHT lbs/mft	BASIC cat no.	O.A. mils	O.D. in.	WEIGHT lbs/mft	BASIC cat no.	O.A. mils	O.D. in.	WEIGHT lbs/mft
14 AWG – STRANDED				12 AWG – STRANDED				10 AWG – STRANDED				
2	6-0402	45	.37	73	6-0452	45	.41	96	6-0502	45	.46	130
3	6-0403	45	.39	93	6-0453	45	.44	125	6-0503	45	.49	173
4	6-0404	45	.43	116	6-0454	45	.48	157	6-0504	60	.52	236
5	6-0405	45	.47	140	6-0455	45	.52	191	6-0505	60	.62	287
7	6-0407	45	.59	176	6-0457	60	.60	260	6-0507	60	.67	371
9	6-0409	60	.62	245	6-0459	60	.70	340	6-0509	60	.79	479
12	6-0412	60	.68	302	6-0462	60	.78	429	6-0512	80	.90	644
15	6-0415	60	.76	405	6-0465	80	.85	576	6-0515	80	1.04	825
19	6-0419	60	.80	460	6-0469	80	.93	681	6-0519	80	1.09	990
25	6-0425	80	.99	641	6-0475	80	1.10	885	6-0525	80	1.27	1320
31	6-0431	80	1.06	750	6-0481	80	1.17	1046	6-0531	80	1.37	1515
37	6-0437	80	1.13	898	6-0487	80	1.24	1185	6-0537	80	1.45	1890

OPTIONS: Also available with -G Ground Wire, -SH Mylar Aluminum Foil Shield, -CT Copper Tape Shield,

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SHIPPING TOLERANCE +/- 10%

