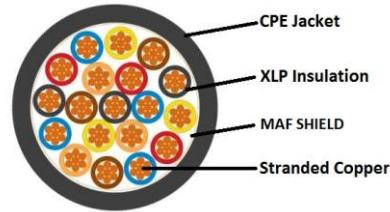


basic wire and cable

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

TYPE XLP-CPE
CONTROL CABLE (MAF SHIELD)
 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, Mylar Aluminum Shield, 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	56	6-352	45	.34	81
3	6-0003	45	.33	74	6-353	45	.36	97
4	6-0004	45	.37	91	6-354	45	.39	112
5	6-0005	45	.42	112	6-355	60	.42	117
7	6-0007	45	.46	132	6-357	60	.46	137
9	6-0009	45	.50	169	6-359	60	.57	178
12	6-0012	45	.59	199	6-362	60	.61	243
15	6-0015	60	.61	226	6-365	80	.68	298
19	6-0019	60	.75	258	6-369	80	.71	348
25	6-0025	60	.84	318	6-375	80	.82	464
31	6-0031	80	.85	372	6-381	80	.92	584
37	6-0037	80	.97	442	6-387	80	.97	670
16 AWG – STRANDED								

OPTIONS: Also available with -G Ground Wire, -CT Copper Tape Shield, No Shield

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

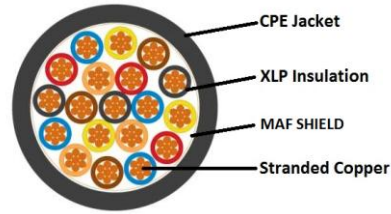
SHIPPING TOLERANCE +/- 10%



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 (MAF SHIELD)
 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, Mylar Aluminum Shield, 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-SH	45	.37	75	6-0452-SH	45	.41	98	6-0502-SH	45	.46	132
3	6-0403-SH	45	.39	95	6-0453-SH	45	.44	127	6-0503-SH	45	.49	175
4	6-0404-SH	45	.43	118	6-0454-SH	45	.48	159	6-0504-SH	60	.52	239
5	6-0405-SH	45	.47	142	6-0455-SH	45	.52	194	6-0505-SH	60	.62	290
7	6-0407-SH	45	.59	179	6-0457-SH	60	.60	263	6-0507-SH	60	.67	374
9	6-0409-SH	60	.62	248	6-0459-SH	60	.70	343	6-0509-SH	60	.79	483
12	6-0412-SH	60	.68	305	6-0462-SH	60	.78	433	6-0512-SH	80	.90	648
15	6-0415-SH	60	.76	409	6-0465-SH	80	.85	580	6-0515-SH	80	1.04	830
19	6-0419-SH	60	.80	464	6-0469-SH	80	.93	685	6-0519-SH	80	1.09	995
25	6-0425-SH	80	.99	646	6-0475-SH	80	1.10	890	6-0525-SH	80	1.27	1326
31	6-0431-SH	80	1.06	755	6-0481-SH	80	1.17	1046	6-0531-SH	80	1.37	1522
37	6-0437-SH	80	1.13	892	6-0487-SH	80	1.24	1191	6-0537-SH	80	1.45	1897

OPTIONS: Also available with -G Ground Wire, -CT Copper Tape Shield, No Shield

Dimensional data not binding, we reserve the right to alter specifications without notice.
 SHIPPING TOLERANCE +/- 10%

