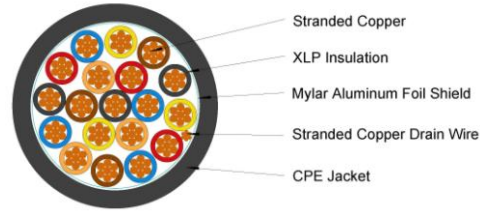


# basic wire and cable

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, Stranded Copper Drain Wire 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
<b>18 AWG – STRANDED</b>								
2	6-0002-SH	45	.31	56	6-352-SH	45	.34	81
3	6-0003-SH	45	.33	74	6-353-SH	45	.36	97
4	6-0004-SH	45	.37	91	6-354-SH	45	.39	112
5	6-0005-SH	45	.42	112	6-355-SH	60	.44	117
7	6-0007-SH	45	.46	132	6-357-SH	60	.48	137
9	6-0009-SH	45	.50	169	6-359-SH	60	.57	178
12	6-0012-SH	45	.59	199	6-362-SH	60	.61	243
15	6-0015-SH	60	.61	226	6-365-SH	80	.68	298
19	6-0019-SH	60	.75	258	6-369-SH	80	.78	348
25	6-0025-SH	60	.84	318	6-375-SH	80	.87	464
30	6-0031-SH	80	.85	372	6-381-SH	80	.92	584
37	6-0037-SH	80	.97	442	6-387-SH	80	.99	670
<b>16 AWG – STRANDED</b>								

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%



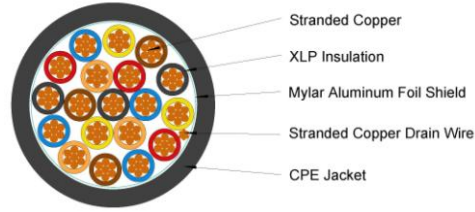
# basic wire and cable

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, Stranded Copper Drain Wire, 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
30	6-0431-SH	80	1.02	755	6-0481-SH	80	1.14	1050	6-0531-SH	80	1.29	1522
37	6-0437-SH	80	1.13	901	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%

