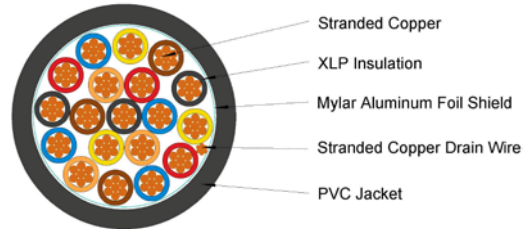


basic wire and cable

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

TYPE XLPTC CONTROL CABLE (MAF SHIELD)

XLP Insulation
PVC 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. Approved for direct burial, Class I, Division 2 industrial hazardous locations per NEC. 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, PVC 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. CSA FT4 or IEEE1202 and 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 | 6-2352-SH | 45 | .31 | 56 | 6-2402-SH | 45 | .34 | 68 |
| 3 | 6-2353-SH | 45 | .33 | 73 | 6-2403-SH | 45 | .36 | 83 |
| 4 | 6-2354-SH | 45 | .37 | 91 | 6-2404-SH | 45 | .39 | 104 |
| 5 | 6-2355-SH | 45 | .42 | 112 | 6-2405-SH | 60 | .44 | 119 |
| 7 | 6-2357-SH | 45 | .46 | 132 | 6-2407-SH | 60 | .48 | 140 |
| 9 | 6-2359-SH | 45 | .50 | 169 | 6-2409-SH | 60 | .57 | 181 |
| 12 | 6-2362-SH | 45 | .59 | 198 | 6-2412-SH | 60 | .61 | 246 |
| 15 | 6-2365-SH | 60 | .61 | 226 | 6-2415-SH | 80 | .68 | 302 |
| 19 | 6-2369-SH | 60 | .75 | 258 | 6-2419-SH | 80 | .78 | 352 |
| 25 | 6-2375-SH | 60 | .84 | 318 | 6-2425-SH | 80 | .87 | 468 |
| 30 | 6-2381-SH | 80 | .85 | 372 | 6-2431-SH | 80 | .92 | 589 |
| 37 | 6-2387-SH | 80 | .97 | 443 | 6-2437-SH | 80 | .99 | 675 |
| 16 AWG – STRANDED | | | | | | | | |

OPTIONS: Also available with tinned copper conductors, -G Ground Wire, -CT Copper Tape Shield, No Shielded

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

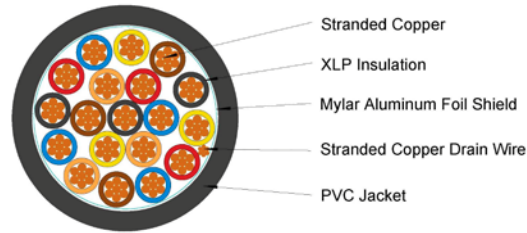


basic wire and cable

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

TYPE XLP-PVC CONTROL CABLE (MAF SHIELD)

XLP Insulation
PVC 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. Approved for direct burial, Class I, Division 2 industrial hazardous locations per NEC. 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, PVC 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. CSA FT4 or IEEE1202 and 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. 2 conductors or more 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 | 6-2452-SH | 45 | .37 | 75 | 6-2502-SH | 45 | .41 | 98 | 6-2552-SH | 45 | .46 | 132 |
| 3 | 6-2453-SH | 45 | .39 | 95 | 6-2503-SH | 45 | .44 | 127 | 6-2553-SH | 45 | .49 | 175 |
| 4 | 6-2454-SH | 45 | .43 | 118 | 6-2504-SH | 45 | .48 | 159 | 6-2554-SH | 60 | .52 | 239 |
| 5 | 6-2455-SH | 45 | .47 | 142 | 6-2505-SH | 45 | .52 | 194 | 6-2555-SH | 60 | .62 | 290 |
| 7 | 6-2457-SH | 45 | .59 | 179 | 6-2507-SH | 60 | .60 | 263 | 6-2557-SH | 60 | .67 | 374 |
| 9 | 6-2459-SH | 60 | .62 | 248 | 6-2509-SH | 60 | .70 | 343 | 6-2559-SH | 60 | .79 | 483 |
| 10 | 6-2460-SH | 60 | .66 | 270 | 6-2510-SH | 60 | .73 | 375 | 6-2560-SH | 80 | .87 | 545 |
| 12 | 6-2462-SH | 60 | .68 | 305 | 6-2512-SH | 60 | .78 | 433 | 6-2562-SH | 80 | .90 | 648 |
| 15 | 6-2465-SH | 60 | .76 | 409 | 6-2515-SH | 80 | .85 | 580 | 6-2565-SH | 80 | 1.04 | 830 |
| 19 | 6-2469-SH | 60 | .80 | 464 | 6-2519-SH | 80 | .93 | 685 | 6-2569-SH | 80 | 1.09 | 998 |
| 25 | 6-2475-SH | 80 | .99 | 646 | 6-2525-SH | 80 | 1.10 | 890 | 6-2575-SH | 80 | 1.27 | 1326 |
| 30 | 6-2481-SH | 80 | 1.02 | 733 | 6-2531-SH | 80 | 1.14 | 1018 | 6-2581-SH | 80 | 1.29 | 1547 |
| 37 | 6-2487-SH | 80 | 1.13 | 895 | 6-2537-SH | 80 | 1.24 | 1191 | 6-2587-SH | 80 | 1.45 | 1897 |

OPTIONS: Also available with tinned copper conductors, -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%

