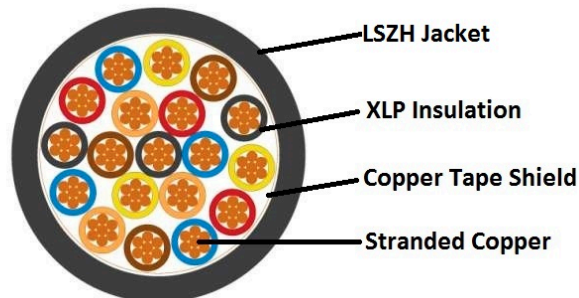


# basic wire and cable

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

**TYPE XLP-LSZH**  
**CONTROL CABLE (CU TAPE SHIELD)**  
 XLP Insulation  
 LSZH 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.

## CONSTRUCTION:

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

## STANDARDS:

1. Conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44.
3. Cables designed to meet UL 1277.
4. Cables designed to meet the IEEE-383 & IEEE-1202 flame tests.
5. Jacket suitable for Sunlight Resistant applications.
6. Cables designed to meet requirements of ICEA S-73-532, ICEA S-95-658/NEMA WC70 & ICEA T-33-655.

| 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                        | 6-0052-SH     | 45        | .32      | 58             | 6-0102-SH     | 45        | .35      | 69             |
| 3                        | 6-0053-SH     | 45        | .34      | 75             | 6-0103-SH     | 45        | .37      | 84             |
| 4                        | 6-0054-SH     | 45        | .38      | 93             | 6-0104-SH     | 45        | .40      | 104            |
| 5                        | 6-0055-SH     | 45        | .43      | 114            | 6-0105-SH     | 60        | .43      | 119            |
| 7                        | 6-0057-SH     | 45        | .47      | 135            | 6-0107-SH     | 60        | .49      | 140            |
| 9                        | 6-0059-SH     | 45        | .51      | 172            | 6-0109-SH     | 60        | .58      | 181            |
| 12                       | 6-0062-SH     | 45        | .60      | 202            | 6-0112-SH     | 60        | .62      | 246            |
| 15                       | 6-0065-SH     | 60        | .62      | 229            | 6-0115-SH     | 80        | .69      | 302            |
| 19                       | 6-0069-SH     | 60        | .76      | 262            | 6-0119-SH     | 80        | .79      | 352            |
| 25                       | 6-0075-SH     | 60        | .85      | 323            | 6-0125-SH     | 80        | .88      | 469            |
| 30                       | 6-0081-SH     | 80        | .86      | 377            | 6-0131-SH     | 80        | .93      | 590            |
| 37                       | 6-0087-SH     | 80        | .98      | 448            | 6-0137-SH     | 80        | 1.00     | 675            |
| <b>16 AWG – STRANDED</b> |               |           |          |                |               |           |          |                |

OPTIONS: Also available with tinned copper conductors, -G Ground Wire, -SH Mylar Aluminum Foil Shield, No Shield

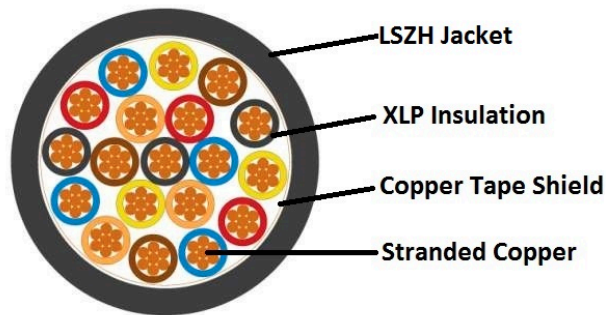
Dimensional data not binding, we reserve the right to alter specifications without notice.  
 SHIPPING TOLERANCE +/- 10%



# basic wire and cable

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**TYPE XLP-LSZH**  
**CONTROL CABLE (CU TAPE SHIELD)**  
 XLP Insulation  
 LSZH 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.

## CONSTRUCTION:

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

## STANDARDS:

1. Conductors conform to ASTM B-3 & B-8.
2. Insulation conforms to UL Standard 44, Type XHHW-2.
3. Cables designed to meet UL 1277.
4. Cables designed to meet the IEEE-383 & IEEE-1202 flame tests.
5. Jacket suitable for Sunlight Resistant applications.
6. Cables designed to meet requirements of ICEA S-73-532, ICEA S-95-658/NEMA WC70 & ICEA T-33-655.

| No. OF<br>conds.  | BASIC<br>cat no. | O.A.<br>mils | O.D.<br>in. | WEIGHT<br>lbs/mft | BASIC<br>cat no. | O.A.<br>mils | O.D.<br>in. | WEIGHT<br>lbs/mft | BASIC<br>cat no. | O.A.<br>mils | O.D.<br>in. | WEIGHT<br>lbs/mft |
|-------------------|------------------|--------------|-------------|-------------------|------------------|--------------|-------------|-------------------|------------------|--------------|-------------|-------------------|
| 14 AWG – STRANDED |                  |              |             | 12 AWG – STRANDED |                  |              |             | 10 AWG – STRANDED |                  |              |             |                   |
| 2                 | 6-152-SH         | 45           | .39         | 88                | 6-202-SH         | 45           | .43         | 119               | 6-252-SH         | 45           | .47         | 169               |
| 3                 | 6-153-SH         | 45           | .41         | 109               | 6-203-SH         | 45           | .46         | 144               | 6-253-SH         | 45           | .52         | 205               |
| 4                 | 6-154-SH         | 45           | .45         | 134               | 6-204-SH         | 45           | .50         | 180               | 6-254-SH         | 60           | .54         | 275               |
| 5                 | 6-155-SH         | 45           | .49         | 155               | 6-205-SH         | 45           | .54         | 235               | 6-255-SH         | 60           | .64         | 331               |
| 7                 | 6-157-SH         | 45           | .61         | 210               | 6-207-SH         | 60           | .62         | 295               | 6-257-SH         | 60           | .70         | 422               |
| 9                 | 6-159-SH         | 60           | .64         | 296               | 6-209-SH         | 60           | .72         | 387               | 6-259-SH         | 60           | .81         | 537               |
| 12                | 6-162-SH         | 60           | .70         | 353               | 6-212-SH         | 60           | .80         | 498               | 6-262-SH         | 80           | .92         | 738               |
| 15                | 6-165-SH         | 60           | .78         | 450               | 6-215-SH         | 80           | .87         | 653               | 6-265-SH         | 80           | 1.06        | 904               |
| 19                | 6-169-SH         | 60           | .82         | 529               | 6-219-SH         | 80           | .95         | 759               | 6-269-SH         | 80           | 1.11        | 1080              |
| 25                | 6-175-SH         | 80           | 1.01        | 740               | 6-225-SH         | 80           | 1.12        | 1021              | 6-275-SH         | 80           | 1.29        | 1431              |
| 30                | 6-181-SH         | 80           | 1.04        | 881               | 6-231-SH         | 80           | 1.16        | 1217              | 6-281-SH         | 80           | 1.31        | 1752              |
| 37                | 6-187-SH         | 80           | 1.15        | 1015              | 6-237-SH         | 80           | 1.27        | 1413              | 6-287-SH         | 80           | 1.47        | 2005              |

OPTIONS: Also available with tinned copper conductors, -G Ground Wire, -SH Mylar Aluminum Foil Shield, No Shield

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 SHIPPING TOLERANCE +/- 10%

