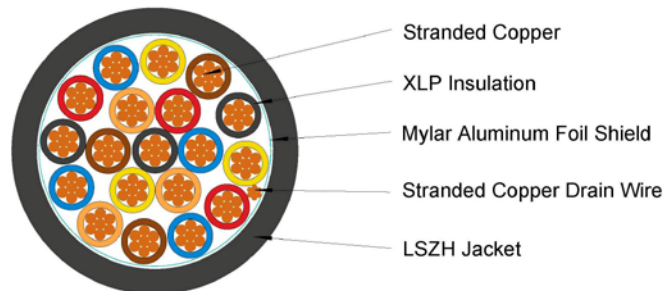


# basic wire and cable

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

**TYPE XLP-LSZH**  
**CONTROL CABLE (MAF 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, Mylar Aluminum Shield, Stranded Copper Drain Wire, LSZH jacket overall, surface printed.

## STANDARDS:

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

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	.31	60	6-0102-SH	45	.34	84
3	6-0053-SH	45	.33	77	6-0103-SH	45	.36	100
4	6-0054-SH	45	.37	94	6-0104-SH	45	.39	115
5	6-0055-SH	45	.42	115	6-0105-SH	60	.44	120
7	6-0057-SH	45	.46	135	6-0107-SH	60	.48	140
9	6-0059-SH	45	.50	173	6-0109-SH	60	.57	181
12	6-0062-SH	45	.59	202	6-0112-SH	60	.61	246
15	6-0065-SH	60	.61	229	6-0115-SH	80	.68	301
19	6-0069-SH	60	.75	260	6-0119-SH	80	.78	351
25	6-0075-SH	60	.84	322	6-0125-SH	80	.87	467
30	6-0081-SH	80	.85	375	6-0131-SH	80	.92	587
37	6-0087-SH	80	.97	446	6-0137-SH	80	.99	673
<b>16 AWG – STRANDED</b>								

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

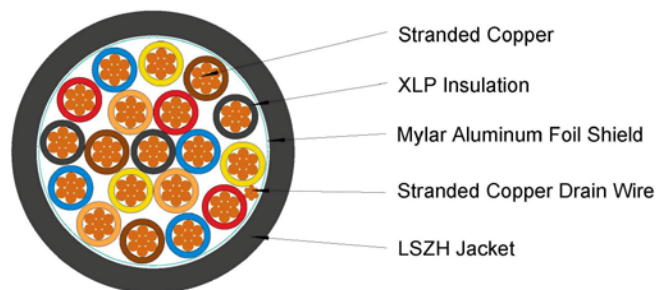
Dimensional data not binding, we reserve the right to alter specifications without notice.  
 SHIPPING TOLERANCE +/- 10%



# basic wire and cable

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

**TYPE XLP-LSZH**  
**CONTROL CABLE (MAF 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, Mylar Aluminum Shield, Stranded Copper Drain Wire, LSZH jacket overall, surface printed.

## STANDARDS:

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

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	6-0152-SH	45	.37	77	6-0202-SH	45	.41	101	6-0252-SH	45	.46	135
3	6-0153-SH	45	.39	97	6-0203-SH	45	.44	130	6-0253-SH	45	.49	177
4	6-0154-SH	45	.43	121	6-0204-SH	45	.48	162	6-0254-SH	60	.52	242
5	6-0155-SH	45	.47	145	6-0205-SH	45	.52	197	6-0255-SH	60	.62	293
7	6-0157-SH	45	.59	181	6-0207-SH	60	.60	266	6-0257-SH	60	.67	377
9	6-0159-SH	60	.62	254	6-0209-SH	60	.70	349	6-0259-SH	60	.79	493
12	6-0162-SH	60	.68	311	6-0212-SH	60	.78	437	6-0262-SH	80	.90	656
15	6-0165-SH	60	.76	414	6-0215-SH	80	.85	566	6-0265-SH	80	1.04	835
19	6-0169-SH	60	.80	472	6-0219-SH	80	.93	694	6-0269-SH	80	1.09	1008
25	6-0175-SH	80	.99	656	6-0225-SH	80	1.10	899	6-0275-SH	80	1.27	1337
30	6-0181-SH	80	1.02	740	6-0231-SH	80	1.14	1026	6-0281-SH	80	1.29	1558
37	6-0187-SH	80	1.13	905	6-0237-SH	80	1.24	1201	6-0287-SH	80	1.45	1909

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%

