

XLP/LSZH Tray Cable



Product Description

XLP insulation
LSZH jacket
UL Listed Type TC

Applications

Used for control and power applications in chemical plants, steel mills, industrial plants, utility substations and generating stations, residential and commercial buildings where halogen content poses an environmental or safety concern. Suitable for aerial, duct or direct burial.

Specifications

- CONDUCTOR: Class B stranded, annealed, copper per ASTM B8
- INSULATION: Cross-Linked Polyethylene (XLP) per ICEA S-73-532 (NEMA WC57) meets UL 44 requirements for Type XHHW-2 conductors
- COLOR CODE*: Conductors are color coded per ICEA Method 4 (printed numbers)
- ASSEMBLY: Conductors are cabled with a single UL ground wire and fillers where necessary to make round
- OVERALL JACKET: low smoke zero halogen (LSZH) per UL 1277
- STANDARDS: Meets UL 1277 requirements for Type TC cables having XHHW-2 conductors. Cables are listed for direct burial and meet the IEEE 1202 and UL 1685, 70,000 Btu/hr flame tests. Constructions with 3 or more conductors are listed for exposed runs (TC-ER)
- AMPACITY: Based on not more than three conductors in raceway or cable or earth with an ambient temperature of 30°C per NEC Table 310.16
- TEMPERATURE: 90°C
- VOLTAGE: 600 V

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Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	Ground Wire Size AWG	No. of Conductors	Insulation Thickness (in.)	Overall Jacket Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
3LS-1003WG	10	7	10	3	0.030	0.060	0.500	237	30
3LS-0803WG	8	7	10	3	0.045	0.060	0.660	314	55
3LS-0603WG	6	7	8	3	0.045	0.060	0.765	456	75
3LS-0403WG	4	7	8	3	0.045	0.080	0.885	642	95
3LS-0203WG	2	10	6	3	0.045	0.080	1.020	979	130
3LS-0103WG	1	19	6	3	0.055	0.080	1.130	1,021	150
3LS-1013WG	1/0	19	6	3	0.055	0.080	1.220	1,439	170
3LS-2023WG	2/0	19	4	3	0.055	0.080	1.320	1,720	195
3LS-4043WG	4/0	19	4	3	0.055	0.080	1.550	2,614	260
3LS-2503WG	250	37	4	3	0.065	0.110	1.750	3,184	290
3LS-3503WG	350	37	3	3	0.065	0.110	1.970	4,187	350
3LS-5003WG	500	37	2	3	0.065	0.110	2.250	5,843	430

Conductor Insulation Color Code chart ICEA Method 4: All conductors black*

Conductor	Conductor Printing	Conductor	Conductor Printing	Conductor	Conductor Printing
1 st .	"1-ONE-1"	18 th .	"18-EIGHTEEN-18"	35 th .	"35-THIRTY-FIVE-35"
2 nd .	"2-TWO-2"	19 th .	"19-NINETEEN-19"	36 th .	"36-THIRTY-SIX-36"
3 rd .	"3-THREE-3"	20 th .	"20-TWENTY-20"	37 th .	"37-THIRTY-SEVEN-37"
4 th .	"4-FOUR-4"	21 st .	"21-TWENTY-ONE-21"	38 th .	"38-THIRTY-EIGHT-38"
5 th .	"5-FIVE-5"	22 nd .	"22-TWENTY-TWO-22"	39 th .	"39-THIRTY-NINE-39"
6 th .	"6-SIX-6"	23 rd .	"23-TWENTY-THREE-23"	40 th .	"40-FORTY-40"
7 th .	"7-SEVEN-7"	24 th .	"24-TWENTY-FOUR-24"	41 st .	"41-FORTY-ONE-41"
8 th .	"8-EIGHT-8"	25 th .	"25-TWENTY-FIVE-25"	42 nd .	"42-FORTY-TWO-42"
9 th .	"9-NINE-9"	26 th .	"26-TWENTY-SIX-26"	43 rd .	"43-FORTY-THREE-43"
10 th .	"10-TEN-10"	27 th .	"27-TWENTY-SEVEN-27"	44 th .	"44-FORTY-FOUR-44"
11 th .	"11-ELEVEN-11"	28 th .	"28-TWENTY-EIGHT-28"	45 th .	"45-FORTY-FIVE-45"
12 th .	"12-TWELVE-12"	29 th .	"29-TWENTY-NINE-29"	46 th .	"46-FORTY-SIX-46"
13 th .	"13-THIRTEEN-13"	30 th .	"30-THIRTY-30"	47 th .	"47-FORTY-SEVEN-47"
14 th .	"14-FOURTEEN-14"	31 st .	"31-THIRTY-ONE-31"	48 th .	"48-FORTY-EIGHT-48"
15 th .	"15-FIFTEEN-15"	32 nd .	"32-THIRTY-TWO-32"	49 th .	"49-FORTY-NINE-49"
16 th .	"16-SIXTEEN-16"	33 rd .	"33-THIRTY-THREE-33"	50 th .	"50-FIFTY-50"
17 th .	"17-SEVENTEEN-17"	34 th .	"34-THIRTY-FOUR-34"		

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