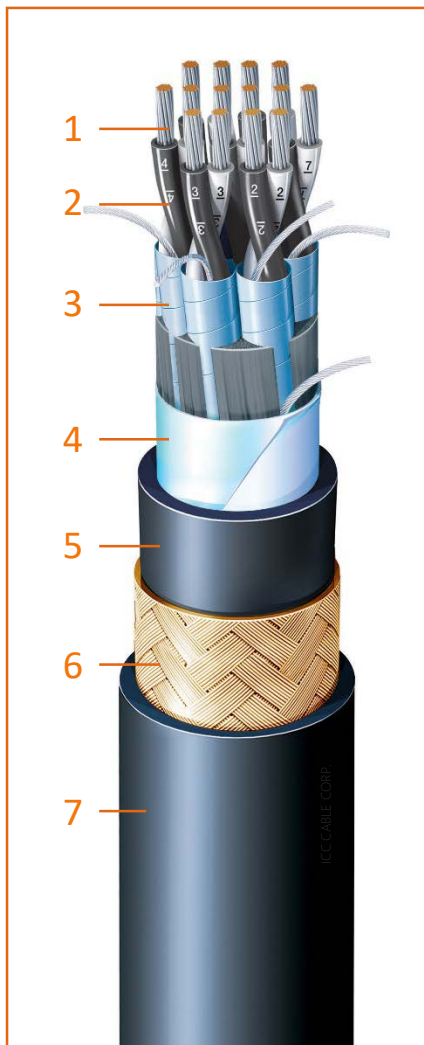


LSXTPO LOW SMOKE HALOGEN-FREE INSTRUMENTATION CABLE



PRODUCT DESCRIPTION

0.6/1KV FLEXIBLE SHIELDED PAIRS/TRIADS SIGNAL
90°C TEMPERATURE RATING
HALOGEN FREE & FLAME RETARDANT
ETL LISTED, ABS APPROVED

PRODUCT CONSTRUCTION

1. CONDUCTOR

FLEXIBLE STRANDED TINNED ANNEALED COPPER WIRE

2. INSULATION

LOW SMOKE, HALOGEN-FREE XLPO (TYPE LSX)
COLOR CODE: IEEE 1580 TABLE 22

3. INDIVIDUAL SHIELD

AL/PS TAPE W/TINNED COPPER DRAIN WIRE

4. OVERALL SHIELD

AL/PS TAPE W/TINNED COPPER DRAIN WIRE

5. JACKET

THERMOPLASTIC POLYOLEFIN (TYPE TPO)

6. ARMOR (OPTIONAL)

BRONZE WIRE BRAID PER IEEE 1580

7. SHEATH (OPTIONAL)

THERMOPLASTIC POLYOLEFIN (TYPE TPO)
BLACK COLOR



STANDARDS

- IEEE 45 (2004), IEEE 1580 (2010), UL 1309 (2011)
- TYPE LSX INSULATION: IEEE 1580
- TYPE TPO SHEATH: IEEE 1580
- FLAME RETARDANT: IEEE 1202
- HALOGEN CONTENT: IEC 60754-1, $\leq 0.2\%$
- COLD BEND/IMPACT: CSA 22.2 NO. 03 (-40°C/-35°C)
- FIRE RESISTANT: IEC 60331-1/2/21 (OPTIONAL)

LSXTPO LOW SMOKE HALOGEN-FREE INSTRUMENTATION CABLE

0.6/1KV LSXTPO-ISOS CABLE: PAIRS, INDIVIDUAL AND OVERALL TAPE SHIELDED

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF PAIRS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-LSXTPO-2P18ISOS	2	18	0.524	13.3	175	260	0.728	18.5	356	530
P-LSXTPO-3P18ISOS	3	18	0.591	15.0	228	340	0.795	20.2	430	640
P-LSXTPO-4P18ISOS	4	18	0.626	15.9	262	390	0.874	22.2	517	770
P-LSXTPO-5P18ISOS	5	18	0.701	17.8	329	490	0.949	24.1	611	910
P-LSXTPO-6P18ISOS	6	18	0.748	19.0	376	560	0.996	25.3	672	1000
P-LSXTPO-7P18ISOS	7	18	0.748	19.0	396	590	0.996	25.3	692	1030
P-LSXTPO-8P18ISOS	8	18	0.799	20.3	450	670	1.047	26.6	766	1140
P-LSXTPO-10P18ISOS	10	18	0.941	23.9	598	890	1.189	30.2	968	1440
P-LSXTPO-12P18ISOS	12	18	0.984	25.0	672	1000	1.232	31.3	1055	1570
P-LSXTPO-14P18ISOS	14	18	1.024	26.0	746	1110	1.272	32.3	1142	1700
P-LSXTPO-16P18ISOS	16	18	1.094	27.8	847	1260	1.343	34.1	1270	1890
P-LSXTPO-18P18ISOS	18	18	1.146	29.1	934	1390	1.394	35.4	1371	2040
P-LSXTPO-20P18ISOS	20	18	1.169	29.7	1001	1490	1.417	36.0	1445	2150
P-LSXTPO-24P18ISOS	24	18	1.291	32.8	1203	1790	1.539	39.1	1693	2520
P-LSXTPO-2P16ISOS	2	16	0.575	14.6	215	320	0.780	19.8	417	620
P-LSXTPO-3P16ISOS	3	16	0.614	15.6	262	390	0.819	20.8	470	700
P-LSXTPO-4P16ISOS	4	16	0.654	16.6	309	460	0.902	22.9	571	850
P-LSXTPO-5P16ISOS	5	16	0.732	18.6	383	570	0.980	24.9	672	1000
P-LSXTPO-6P16ISOS	6	16	0.783	19.9	437	650	1.031	26.2	746	1110
P-LSXTPO-7P16ISOS	7	16	0.783	19.9	464	690	1.031	26.2	773	1150
P-LSXTPO-8P16ISOS	8	16	0.878	22.3	564	840	1.126	28.6	907	1350
P-LSXTPO-10P16ISOS	10	16	0.988	25.1	699	1040	1.236	31.4	1082	1610
P-LSXTPO-12P16ISOS	12	16	1.028	26.1	786	1170	1.276	32.4	1183	1760
P-LSXTPO-14P16ISOS	14	16	1.067	27.1	874	1300	1.315	33.4	1283	1910
P-LSXTPO-16P16ISOS	16	16	1.146	29.1	1001	1490	1.394	35.4	1438	2140
P-LSXTPO-18P16ISOS	18	16	1.197	30.4	1102	1640	1.445	36.7	1552	2310
P-LSXTPO-20P16ISOS	20	16	1.224	31.1	1183	1760	1.472	37.4	1646	2450
P-LSXTPO-24P16ISOS	24	16	1.354	34.4	1425	2120	1.602	40.7	1935	2880

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
 CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
 AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 90°C BASED ON IEEE 45 TABLE 25
 "BS" ADDED TO PART NUMBER INDICATES ARMORED & SHEATHED CABLE

LSXTPO LOW SMOKE HALOGEN-FREE INSTRUMENTATION CABLE

0.6/1KV LSXTPO-ISOS CABLE: PAIRS, INDIVIDUAL AND OVERALL TAPE SHIELDED

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
			NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (AWG)	INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-LSXTPO-2P14ISOS	2	14	0.622	15.8	269	400	0.827	21.0	524	780
P-LSXTPO-3P14ISOS	3	14	0.665	16.9	329	490	0.913	23.2	598	890
P-LSXTPO-4P14ISOS	4	14	0.709	18.0	396	590	0.957	24.3	679	1010
P-LSXTPO-5P14ISOS	5	14	0.795	20.2	491	730	1.043	26.5	806	1200
P-LSXTPO-6P14ISOS	6	14	0.898	22.8	611	910	1.146	29.1	961	1430
P-LSXTPO-7P14ISOS	7	14	0.898	22.8	652	970	1.146	29.1	1001	1490
P-LSXTPO-8P14ISOS	8	14	0.957	24.3	732	1090	1.205	30.6	1109	1650
P-LSXTPO-10P14ISOS	10	14	1.079	27.4	914	1360	1.327	33.7	1330	1980
P-LSXTPO-12P14ISOS	12	14	1.122	28.5	1035	1540	1.370	34.8	1465	2180
P-LSXTPO-14P14ISOS	14	14	1.165	29.6	1156	1720	1.413	35.9	1599	2380
P-LSXTPO-16P14ISOS	16	14	1.252	31.8	1317	1960	1.500	38.1	1794	2670
P-LSXTPO-18P14ISOS	18	14	1.307	33.2	1458	2170	1.555	39.5	1949	2900
P-LSXTPO-20P14ISOS	20	14	1.339	34.0	1566	2330	1.587	40.3	2070	3080
P-LSXTPO-24P14ISOS	24	14	1.480	37.6	1888	2810	1.787	45.4	2553	3800

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 AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 90°C BASED ON IEEE 45 TABLE 25
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0.6/1KV LSXTPO-OS CABLE: PAIR, OVERALL TAPE SHIELDED

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
			NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
	# OF PAIRS	SIZE (AWG)	INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-LSXTPO-1P18OS	1	18	0.350	8.9	81	120	0.555	14.1	208	310
P-LSXTPO-1P16OS	1	16	0.362	9.2	87	130	0.567	14.4	222	330
P-LSXTPO-1P14OS	1	14	0.390	9.9	108	160	0.594	15.1	255	380

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
 CABLE OD AND WEIGHT ARE NOMINAL. SUBJECT TO INDUSTRY TOLERANCES
 AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 90°C BASED ON IEEE 45 TABLE 25
 "BS" ADDED TO PART NUMBER INDICATES ARMORED & SHEATHED CABLE

LSXTPO LOW SMOKE HALOGEN-FREE INSTRUMENTATION CABLE

0.6/1KV LSXTPO-ISOS CABLE: TRIADS, INDIVIDUAL AND OVERALL TAPE SHIELDED

PART NO.	CONDUCTOR		UNARMORED				ARMORED AND SHEATHED (BS)			
	# OF TRIADS	SIZE (AWG)	NOMINAL OD		WEIGHT		NOMINAL OD		WEIGHT	
			INCHES	MM	LBS/MFT	KG/KM	INCHES	MM	LBS/MFT	KG/KM
P-LSXTPO-2T18ISOS	2	18	0.606	15.4	155	230	0.811	20.6	437	650
P-LSXTPO-3T18ISOS	3	18	0.642	16.3	188	280	0.890	22.6	538	800
P-LSXTPO-4T18ISOS	4	18	0.705	17.9	228	340	0.953	24.2	625	930
P-LSXTPO-5T18ISOS	5	18	0.780	19.8	282	420	1.028	26.1	726	1080
P-LSXTPO-7T18ISOS	7	18	0.921	23.4	390	580	1.169	29.7	941	1400
P-LSXTPO-8T18ISOS	8	18	0.988	25.1	443	660	1.236	31.4	1042	1550
P-LSXTPO-12T18ISOS	12	18	1.173	29.8	632	940	1.421	36.1	1384	2060
P-LSXTPO-16T18ISOS	16	18	1.299	33.0	793	1180	1.547	39.3	1666	2480
P-LSXTPO-2T16ISOS	2	16	0.630	16.0	262	390	0.878	22.3	517	770
P-LSXTPO-3T16ISOS	3	16	0.669	17.0	323	480	0.917	23.3	591	880
P-LSXTPO-4T16ISOS	4	16	0.736	18.7	396	590	0.984	25.0	685	1020
P-LSXTPO-5T16ISOS	5	16	0.815	20.7	484	720	1.063	27.0	806	1200
P-LSXTPO-7T16ISOS	7	16	0.961	24.4	672	1000	1.209	30.7	1042	1550
P-LSXTPO-8T16ISOS	8	16	1.031	26.2	766	1140	1.280	32.5	1163	1730
P-LSXTPO-12T16ISOS	12	16	1.228	31.2	1095	1630	1.476	37.5	1559	2320
P-LSXTPO-16T16ISOS	16	16	1.358	34.5	1378	2050	1.606	40.8	1888	2810

DATA SUBJECT TO NORMAL MANUFACTURING TOLERANCES
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 AMPACITY BASED ON 45°C AMBIENT TEMPERATURE; 90°C BASED ON IEEE 45 TABLE 25
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LSZH CABLE