


# INSTRUMENTATION TRAY CABLE Type TC (OS) (LSZH) Low-Smoke, Zero-Halogen

Multiple Conductor Tray Cable, Shielded, 600V, TC

XLP (LS) Insulation, (LSZH) Low-Smoke, Zero-Halogen Jacket, Overall Shielded Pairs/Triads (POS,TOS)

<p><b>APPLICATION:</b> Indoor or outdoor use in power and control circuits, lighting and signal circuits, hazardous locations, industrial distribution systems and direct burial/wet locations. Listed for use in cable trays and raceways. Permitted for use in Class 1 Division 2 Industrial hazardous locations per NEC.</p> <p><b>RATINGS:</b> UL 1277 - Type TC UL 1581 UL 1685 Sunlight resistant Direct Burial</p> <p><b>CONSTRUCTION:</b> 18 - 16 AWG stranded bare copper, XLP (LS) insulation, color coded, cabled, overall aluminum / polyester foil tape plus tinned copper drain, black LSZH jacket, surface printed.</p>							
USAWC Part #	No. of Pairs/Triads	Size Strands	Insulation Thickness Inches	Jacket Thickness Inches	Nominal OD Inches	Copper Weight lbs/1000 ft	Approx. Net Wt. lbs/1000 ft
18-01POSLSZHTC	1	18 7/Str	.030	.045	.315	13	46
18-01TOSLSZHTC	1 TRI	18 7/Str	.030	.045	.340	18	58
18-02POSLSZHTC	2	18 7/Str	.030	.045	.450	23	88
18-04POSLSZHTC	4	18 7/Str	.030	.045	.560	44	144
18-08POSLSZHTC	8	18 7/Str	.030	.060	.750	86	263
18-12POSLSZHTC	12	18 7/Str	.030	.080	.850	127	358
18-16POSLSZHTC	16	18 7/Str	.030	.080	1.010	169	461
18-20POSLSZHTC	20	18 7/Str	.030	.080	1.085	210	600
18-24POSLSZHTC	24	18 7/Str	.030	.080	1.210	252	701
18-36POSLSZHTC	36	18 7/Str	.030	.080	1.500	377	1005
18-50POSLSZHTC	50	18 7/Str	.030	.080	2.570	523	1603
16-01POSLSZHTC	1	16 7/Str	.030	.045	.345	18	32
16-01TOSLSZHTC	1 TRI	16 7/Str	.030	.045	.360	26	72
16-02POSLSZHTC	2	16 7/Str	.030	.045	.560	36	121
16-04POSLSZHTC	4	16 7/Str	.030	.060	.650	69	186
16-08POSLSZHTC	8	16 7/Str	.030	.060	.810	135	324
16-12POSLSZHTC	12	16 7/Str	.030	.080	1.000	202	486
16-16POSLSZHTC	16	16 7/Str	.030	.080	1.120	268	616
16-20POSLSZHTC	20	16 7/Str	.030	.080	1.170	335	734
16-24POSLSZHTC	24	16 7/Str	.030	.080	1.440	401	894
16-36POSLSZHTC	36	16 7/Str	.030	.080	1.650	601	1251
16-50POSLSZHTC	50	16 7/Str	.030	.110	2.020	834	1800

Notes: 1. Standard color coding is Method E-1 for NEC applications per ICEA; Pairs - black and white. Triads - black, white and red.

One conductor in each pair or triad is printed alphanumerically.