

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

Multiple Conductor Tray Cable, Shielded, 600V, TC

XLP (LS) Insulation, (LSZH) Low-Smoke, Zero-Halogen Jacket, Shielded Triads with an Overall Shield (STOS)

**APPLICATION:** 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.

**RATINGS:**

UL 1277 - Type TC  
UL 1581  
UL 1685  
Sunlight resistant  
Direct Burial

**CONSTRUCTION:** 18 - 16 AWG stranded tinned copper, XLP (LS) insulation, color coded, cabled, aluminum / polyester foil tape plus tinned copper drain shielded triads, overall aluminum / polyester foil tape plus tinned copper drain, black LSZH jacket, surface printed.



USAWC Part #	No. of Triads	Size Strands	Insulation Thickness Inches	Jacket Thickness Inches	Nominal OD Inches	Copper Weight lbs/1000 ft	Approx. Net Wt. lbs/1000 ft
18-02STOSLSZHTC	2	18 7/Str	.030	.060	.595	38	150
18-04STOSLSZHTC	4	18 7/Str	.030	.060	.690	74	231
18-08STOSLSZHTC	8	18 7/Str	.030	.080	.940	145	435
18-12STOSLSZHTC	12	18 7/Str	.030	.080	1.135	217	612
18-16STOSLSZHTC	16	18 7/Str	.030	.080	1.265	289	773
18-20STOSLSZHTC	20	18 7/Str	.030	.080	1.405	361	935
18-24STOSLSZHTC	24	18 7/Str	.030	.080	1.565	432	1097
18-36STOSLSZHTC	36	18 7/Str	.030	.110	1.860	647	1662
16-02STOSLSZHTC	2	16 7/Str	.030	.060	.640	57	183
16-04STOSLSZHTC	4	16 7/Str	.030	.060	.745	111	494
16-08STOSLSZHTC	8	16 7/Str	.030	.080	1.015	219	549
16-12STOSLSZHTC	12	16 7/Str	.030	.080	1.230	328	777
16-16STOSLSZHTC	16	16 7/Str	.030	.080	1.370	437	988
16-20STOSLSZHTC	20	16 7/Str	.030	.080	1.525	545	1120
16-24STOSLSZHTC	24	16 7/Str	.030	.110	1.760	654	1530
16-36STOSLSZHTC	36	16 7/Str	.030	.110	2.015	979	2142

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

One conductor in each triad is printed alphanumerically.