

## INSTRUMENTATION TRAY CABLE Type TC (STOS)

Multiple Conductor Tray Cable, Shielded, 600V, TC

FR-EPR Insulations with CPE 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/IEEE 383 – 70,000 BTU  
ICEA T-29-520 – 210,000 BTU  
Sunlight resistant  
Direct Burial

**CONSTRUCTION:** 18 - 16 AWG stranded bare copper, FR-EPR insulation, color coded, cabled, aluminum / polyester foil tape plus tinned copper drain shielded triads, overall aluminum / polyester foil tape plus tinned copper drain, black CPE jacket, surface printed.



USAWC Part #	No. of Triads	Size Strands	Insulation Thickness Inches FR-EPR	Jacket Thickness Inches	Nominal OD Inches	Copper Net Wt. lbs/1000 ft	Approx. Net Wt. lbs/1000 ft
18-02STOSECPETC	2	18 7/Str	.025	.060	.560	38	127
18-04STOSECPETC	4	18 7/Str	.025	.060	.640	73	201
18-08STOSECPETC	8	18 7/Str	.025	.080	.825	144	343
18-12STOSECPETC	12	18 7/Str	.025	.080	1.065	218	528
18-16STOSECPETC	16	18 7/Str	.025	.080	1.180	290	675
18-20STOSECPETC	20	18 7/Str	.025	.080	1.310	361	825
18-24STOSECPETC	24	18 7/Str	.025	.080	1.500	433	972
18-36STOSECPETC	36	18 7/Str	.025	.080	1.740	649	1470
16-02STOSECPETC	2	16 7/Str	.025	.060	.615	57	159
16-04STOSECPETC	4	16 7/Str	.025	.060	.705	108	249
16-08STOSECPETC	8	16 7/Str	.025	.060	.850	217	472
16-12STOSECPETC	12	16 7/Str	.025	.080	1.160	328	683
16-16STOSECPETC	16	16 7/Str	.025	.080	1.290	436	879
16-20STOSECPETC	20	16 7/Str	.025	.080	1.380	545	1058
16-24STOSECPETC	24	16 7/Str	.025	.080	1.615	653	1266
16-36STOSECPETC	36	16 7/Str	.025	.110	1.920	979	1918

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.