

INSTRUMENTATION TRAY CABLE Type TC (STOS)

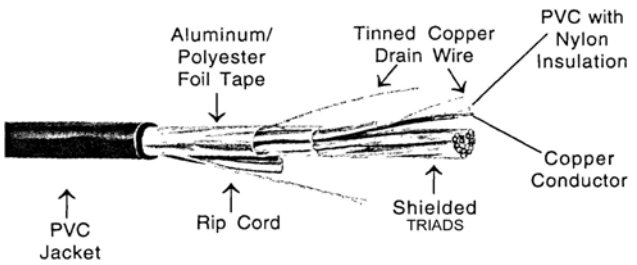
Multiple Conductor Tray Cable, Shielded, 600V, TC

PVC with Nylon Insulation, 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
 UL62 -Type TFN
 UL 1581/IEEE 383 – 70,000 BTU
 ICEA T-29-520 – 210,000 BTU
 Sunlight resistant
 Direct Burial
 NEC Articles:
 336 – Power & Control Tray Cable
 500 – Hazardous Locations
 300 – General Wiring
 392 – Cable Trays

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



USAWC Part #	No. of Triads	Size Strands	Insulation Thickness Mils (PVC/Nylon)	Jacket Thickness Mils	Nominal OD Inches	Copper Weight lbs/1000 ft	Approx. Net Wt. lbs/1000 ft
18-02STOSVNTC	2	18 7/Str	15/4	47	.453	38	117
18-04STOSVNTC	4	18 7/Str	15/4	62	.557	73	190
18-08STOSVNTC	8	18 7/Str	15/4	62	.718	144	327
18-10STOSVNTC	10	18 7/Str	15/4	82	.882	182	432
18-12STOSVNTC	12	18 7/Str	15/4	82	.909	218	495
18-16STOSVNTC	16	18 7/Str	15/4	82	1.008	290	628
18-20STOSVNTC	20	18 7/Str	15/4	82	1.118	361	762
18-24STOSVNTC	24	18 7/Str	15/4	82	1.242	433	899
18-36STOSVNTC	36	18 7/Str	15/4	82	1.421	649	1279
18-50STOSVNTC	50	18 7/Str	15/4	112	1.734	901	1826
16-02STOSVNTC	2	16 7/Str	15/4	47	.509	57	156
16-04STOSVNTC	4	16 7/Str	15/4	62	.624	108	253
16-08STOSVNTC	8	16 7/Str	15/4	62	.810	217	444
16-10STOSVNTC	10	16 7/Str	15/4	82	.993	273	581
16-12STOSVNTC	12	16 7/Str	15/4	82	1.024	328	671
16-16STOSVNTC	16	16 7/Str	15/4	82	1.138	436	858
16-20STOSVNTC	20	16 7/Str	15/4	82	1.265	545	1046
16-24STOSVNTC	24	16 7/Str	15/4	82	1.408	653	1238
16-36STOSVNTC	36	16 7/Str	15/4	82	1.615	979	1777
16-50STOSVNTC	50	16 7/Str	15/4	112	1.967	1360	2523

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

One conductor in triad is printed alphanumerically.