

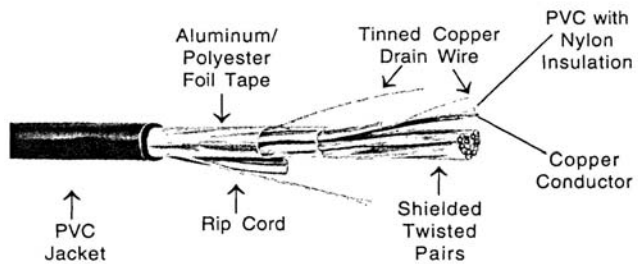
INSTRUMENTATION TRAY CABLE Type TC (SPOS)

Multiple Conductor Tray Cable, Shielded, 600V, TC PVC with Nylon Insulation, Shielded Pairs with an Overall Shield (SPOS)

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 pairs, overall aluminum / polyester foil tape plus tinned copper drain, black PVC jacket, surface printed.



USAWC Part #	No. of Pairs	Size Strands	Insulation Thickness Mils (PVC/Nylon)	Jacket Thickness Mils	Nominal OD Inches	Copper Weight lbs/1000 ft	Approx. Net Wt. lbs/1000 ft
18-02SPOSVNTC	2	18 7/Str	15/4	47	.429	30	96
18-04SPOSVNTC	4	18 7/Str	15/4	47	.498	55	139
18-08SPOSVNTC	8	18 7/Str	15/4	62	.678	105	257
18-10SPOSVNTC	10	18 7/Str	15/4	62	.794	130	317
18-12SPOSVNTC	12	18 7/Str	15/4	62	.819	156	359
18-16SPOSVNTC	16	18 7/Str	15/4	82	.951	207	490
18-20SPOSVNTC	20	18 7/Str	15/4	82	1.053	252	592
18-24SPOSVNTC	24	18 7/Str	15/4	82	1.169	302	695
18-36SPOSVNTC	36	18 7/Str	15/4	82	1.336	452	987
18-50SPOSVNTC	50	18 7/Str	15/4	82	1.572	628	1314
16-02SPOSVNTC	2	16 7/Str	15/4	47	.480	42	127
16-03SPOSVNTC	3	16 7/Str	15/4	47	.514	61	145
16-04SPOSVNTC	4	16 7/Str	15/4	62	.590	80	207
16-06SPOSVNTC	6	16 7/Str	15/4	62	.694	116	270
16-08SPOSVNTC	8	16 7/Str	15/4	62	.763	155	344
16-10SPOSVNTC	10	16 7/Str	15/4	82	.937	192	455
16-12SPOSVNTC	12	16 7/Str	15/4	82	.966	230	521
16-16SPOSVNTC	16	16 7/Str	15/4	82	1.072	306	660
16-20SPOSVNTC	20	16 7/Str	15/4	82	1.190	375	801
16-24SPOSVNTC	24	16 7/Str	15/4	82	1.323	456	944
16-36SPOSVNTC	36	16 7/Str	15/4	92	1.536	674	1370
16-50SPOSVNTC	50	16 7/Str	15/4	112	1.849	935	1914

Notes: 1. Standard color coding is Method E-1 for NEC applications per ICEA; Pairs - black and white.
 One conductor in each pair is printed alphanumerically.