

## INSTRUMENTATION TRAY CABLE Type TC (SPOS)

Multiple Conductor Tray Cable, Shielded, 600V, TC

FR-EPR Insulation with CPE jacket, 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

UL 1581 VW-1

ICEA T-29-520 – 210,000 BTU

Sunlight resistant

Direct Burial

**CONSTRUCTION:** 18 - 16 AWG stranded tinned copper, FR-EPR

insulation, color coded, cabled, aluminum / polyester foil tape plus tinned copper drain shielded pairs, overall aluminum / polyester foil tape plus tinned copper drain, black CPE jacket, surface printed.



USAWC Part #	No. of Pairs	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
18-02SPOSECPETC	2	18 7/Str	.025	.045	.473	27	83
18-04SPOSECPETC	4	18 7/Str	.025	.060	.586	53	152
18-08SPOSECPETC	8	18 7/Str	.025	.060	.751	103	259
18-12SPOSECPETC	12	18 7/Str	.025	.080	.948	153	398
18-16SPOSECPETC	16	18 7/Str	.025	.080	1.050	206	502
18-20SPOSECPETC	20	18 7/Str	.025	.080	1.185	254	623
18-24SPOSECPETC	24	18 7/Str	.025	.080	1.220	311	709
18-36SPOSECPETC	36	18 7/Str	.025	.080	1.474	461	1008
18-50SPOSECPETC	50	18 7/Str	.025	.110	1.780	640	1454
16-02SPOSECPETC	2	16 7/Str	.025	.045	.500	40	103
16-04SPOSECPETC	4	16 7/Str	.025	.060	.650	77	189
16-06SPOSECPETC	6	16 7/Str	.025	.060	.755	115	268
16-08SPOSECPETC	8	16 7/Str	.025	.060	.840	151	330
16-12SPOSECPETC	12	16 7/Str	.025	.080	1.065	226	506
16-16SPOSECPETC	16	16 7/Str	.025	.080	1.185	305	643
16-20SPOSECPETC	20	16 7/Str	.025	.080	1.320	380	777
16-24SPOSECPETC	24	16 7/Str	.025	.080	1.485	455	932
16-36SPOSECPETC	36	16 7/Str	.025	.080	1.760	683	1410
16-50SPOSECPETC	50	16 7/Str	.025	.110	2.035	946	1883

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.