


INSTRUMENTATION POWER LIMITED TRAY CABLE Type PLTC (SPOS)

Instrumentation Cable, Multiple Shielded Pairs, 300V

PVC Insulation, Multiple Shielded Pairs, Overall Shield, PVC Jacket

<p>APPLICATION: Indoor or outdoor use in industrial automation, hazardous locations programmable logic control, fire/life safety systems, analog and digital signaling building control circuits and outdoor above ground applications. Exceeds UL 2250, flame test for cables installed as general purpose wiring. Rated 300 volts and -20°C to 105°C, dry locations</p> <p>RATINGS: UL13 - Type PTC/CL3 IEEE 383 - (70,000 BTU/hr) UL 2250 (70,000 BTU/hr) for ITC</p> <p>NEC Articles: 725 - Remote Control, Signaling 727 - 501-4(b)</p> <p>CONSTRUCTION: 20-16 AWG stranded bare copper, PVC insulation, color coded, polyester binder, aluminum /polyester foil tape plus tinned copper drain shielded pairs, overall aluminum/polyester foil tape plus tinned copper drain, black PVC jacket, surface printed</p>	
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USAWC Part #	No of Pairs	Size / Strands	Insulation Thickness Mils	Jacket Thickness Mils	OD Inches	Copper Wt. lbs/1000 ft	Weight lbs/1000 ft
20-02SPOSPLTC	2	20 7/str	12	42	.349	21	66
20-04SPOSPLTC	4	20 7/str	12	52	.423	40	101
20-08SPOSPLTC	8	20 7/str	12	52	.543	78	170
20-10SPOSPLTC	10	20 7/str	12	62	.654	98	220
20-12SPOSPLTC	12	20 7/str	12	62	.674	117	250
20-16SPOSPLTC	16	20 7/str	12	62	.747	155	316
20-20SPOSPLTC	20	20 7/str	12	62	.827	193	382
20-24SPOSPLTC	24	20 7/str	12	72	.393	231	466
20-36SPOSPLTC	36	20 7/str	12	72	1.071	346	655
20-50SPOSPLTC	50	20 7/str	12	82	1.278	479	902
18-02SPOSPLTC	2	18 7/str	15	52	.382	28	84
18-04SPOSPLTC	4	18 7/str	15	52	.443	53	121
18-08SPOSPLTC	8	18 7/str	15	62	.577	104	211
18-10SPOSPLTC	10	18 7/str	15	62	.720	129	285
18-12SPOSPLTC	12	18 7/str	15	62	.743	155	327
18-16SPOSPLTC	16	18 7/str	15	62	.824	206	415
18-20SPOSPLTC	20	18 7/str	15	72	.935	254	521
18-24SPOSPLTC	24	18 7/str	15	72	1.038	308	614
18-36SPOSPLTC	36	18 7/str	15	72	1.187	461	870
18-50SPOSPLTC	50	18 7/str	15	82	1.417	640	1201
16-02SPOSPLTC	2	16 7/str	15	52	.446	40	120
16-04SPOSPLTC	4	16 7/str	15	52	.516	78	174
16-08SPOSPLTC	8	16 7/str	15	62	.690	153	317
16-10SPOSPLTC	10	16 7/str	15	62	.808	191	388
16-12SPOSPLTC	12	16 7/str	15	62	.834	229	449
16-16SPOSPLTC	16	16 7/str	15	72	.948	304	592
16-20SPOSPLTC	20	16 7/str	15	72	1.053	380	721
16-24SPOSPLTC	24	16 7/str	15	72	1.171	455	852
16-36SPOSPLTC	36	16 7/str	15	82	1.362	662	1245
16-50SPOSPLTC	50	16 7/str	15	82	1.603	945	1684

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.