

# Tray Cable (Non-Shielded)

- Description** Non-Shielded Tray Cable is an industrial grade tray cable with superior oil performance for long cable life. It has a pressure-extruded jacket and fine copper stranding for excellent flexibility, making it much easier to pull through tray. With UL TC-ER approval, no conduit is needed so you can reduce material costs along with saving on labor.
- Applications** Industrial plant expansions; automotive plants; tray wiring; anywhere VNTC® cables are used
- Approvals** NEC: Class 1 Division 2 per NEC Article 501  
Canada: c(UL) CIC/TC FT4, CSA AWM I/II A/B FT4
- Temperature Rating** UL/CSA TC: -25°C to +90°C  
For stationary use: -40°C to +105°C  
For flexible use: -25°C to +105°C
- Nominal Voltage** UL/CSA TC: 600V  
UL WTTC/CSA AWM: 1000V
- Construction** Finely stranded bare copper
- Insulation** Specially blended PVC/nylon
- Jacket** Specially formulated oil-resistant black PVC
- Colour Code** Black with white numbers, plus green/yellow ground



Product Code	AWG Size	# of Conductors	Nominal OD		Copper Weight		Approximate Weight	
			inches	mm	(lbs/mft)	(kgs/km)	(lbs/mft)	(kgs/km)
18221803	18	3	0.297	7.5	20	29.8	57	25.9
18221804	18	4	0.32	8.1	26	38.7	66	98.3
18221805	18	5	0.346	8.8	33	49.1	77	114.7
18221807	18	7	0.373	9.5	46	68.5	99	147.4
18221809	18	9	0.429	10.9	59	87.9	112	166.8
18221812	18	12	0.477	12.1	79	117.6	172	256.1
18221818	18	18	0.587	14.9	118	175.7	245	364.8
18221825	18	25	0.664	16.9	164	244.2	322	479.5
18221850	18	50	0.939	23.9	303	451.2	646	961.9
18221603	16	3	0.325	8.3	29	43.2	68	101.3
18221604	16	4	0.351	8.9	39	58.1	84	125.1
18221605	16	5	0.381	9.7	49	73.0	99	147.4
18221607	16	7	0.412	10.5	68	101.3	128	190.6
18221608	16	8	0.444	11.3	78	116.1	137	204.0
18221609	16	9	0.476	12.1	88	131.0	172	256.1
18221612	16	12	0.565	14.4	117	174.2	220	327.6
18221616	16	16	0.621	15.8	155	230.8	271	403.5
18221618	16	18	0.652	16.6	175	260.6	289	430.3
18221625	16	25	0.741	18.8	242	360.3	397	591.1
18221634	16	34	0.904	23.0	296	440.7	540	804.1
18221641	16	41	0.986	25.0	357	531.6	626	932.1
18221650	16	50	1.048	26.6	436	649.2	760	1131.6
18221661	16	61	1.085	27.6	533	793.6	771	1148.0
18221403	14	3	0.362	9.2	49	73.0	88	131.0
18221404	14	4	0.392	10.0	65	96.8	106	157.8
18221405	14	5	0.427	10.8	81	120.6	128	190.6
18221407	14	7	0.463	11.8	113	168.3	170	253.1

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18221409	14	9	0.571	14.5	146	217.4	225	335.0
18221412	14	12	0.636	16.2	194	288.9	309	460.1
18221418	14	18	0.737	18.7	290	431.8	439	653.7
18221425	14	25	0.886	22.5	404	601.6	586	872.6
18221203	12	3	0.423	10.7	78	116.1	126	187.6
18221204	12	4	0.46	11.7	104	154.9	152	226.3
18221205	12	5	0.503	12.8	129	192.1	187	278.4
18221207	12	7	0.581	14.8	181	269.5	258	384.2
18221003	10	3	0.498	12.6	117	174.2	218	324.6
18221004	10	4	0.578	14.7	155	230.8	264	393.1
18221005	10	5	0.631	16.0	194	288.9	317	472.0
18221007	10	7	0.686	17.4	271	403.5	445	662.6
18220804	8	4	0.703	17.9	258	384.2	384	571.8
18220805	8	5	0.772	19.6	323	480.9	518	771.3
18220603	6	3	0.776	19.7	310	461.6	454	676.0
18220604	6	4	0.899	22.8	413	615.0	580	863.6
18220605	6	5	0.982	24.9	517	769.8	725	1079.5
18220403	4	3	0.99	25.3	386	574.8	919	1368.4
18220404	4	4	1.094	27.8	544	810.0	952	1417.5
18220203	2	3	1.155	29.3	658	979.8	1085	1615.6
18220204	2	4	1.272	32.3	859	1279.1	1320	1965.5
18220104	1	4	1.400	35.6	1065	1585.8	1563	2327.3
18221104	1/0	4	1.466	37.2	1302	1938.7	1920	2858.9
18222204	2/0	4	1.674	42.5	1720	2561.1	2369	3527.4
18223304	3/0	4	1.695	43.1	2185	3253.5	3020	4496.8
18224404	4/0	4	2.059	52.3	2695	4012.9	3597	5355.9
18222504	250	4	2.167	55.0	3211	4781.2	4221	6285.1
18223504	350	4	2.501	63.5	4542	6763.0	6004	8940.0
18225004	500	4	2.902	73.7	6410	9544.5	8233	12258.9

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