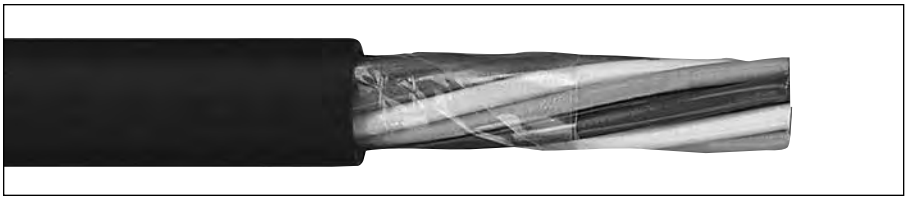
VNTC®

PVC/Nylon/PVC, Control, Unshielded
600 V, UL Type TC-ER[1] (14 AWG—10 AWG)—E-2 Color Code



CATALOG NUMBER	NO. OF COND.	COND. SIZE (AWG)	COND. STRAND	MINIMUM AVG. INSULATION THICKNESS		MINIMUM AVG. JACKET THICKNESS		NOMINAL CABLE O.D.		COPPER WEIGHT		NET WEIGHT	
				INCHES	mm	INCHES	mm	INCHES	mm	LBS/ 1000 FT	kg/km	LBS/ 1000 FT	kg/km
14 AWG CONDUCTORS													
235040	2 Flat	14	7W	0.020	0.51	0.045	1.14	.210 x .320	5.33 x 8.13	25	37	54	80
245590*	2	14	7W	0.020	0.51	0.045	1.14	0.320	8.13	26	39	64	95
235050	3	14	7W	0.020	0.51	0.045	1.14	0.345	8.76	39	58	80	119
235060	4	14	7W	0.020	0.51	0.045	1.14	0.365	9.27	52	77	100	149
235070	5	14	7W	0.020	0.51	0.045	1.14	0.410	10.41	65	97	118	176
235080	7	14	7W	0.020	0.51	0.045	1.14	0.445	11.30	90	134	153	228
235090	9	14	7W	0.020	0.51	0.060	1.52	0.505	12.83	116	173	213	317
235110	12	14	7W	0.020	0.51	0.060	1.52	0.595	15.11	155	231	267	397
235130	19	14	7W	0.020	0.51	0.060	1.52	0.695	17.65	245	365	396	589
235150	25	14	7W	0.020	0.51	0.060	1.52	0.785	19.94	323	481	507	755
235160*	30	14	7W	0.020	0.51	0.080	2.03	0.895	22.73	387	576	637	948
235170	37	14	7W	0.020	0.51	0.080	2.03	0.970	24.64	478	711	766	1140
12 AWG CONDUCTORS													
234580	2 Flat	12	7W	0.020	0.51	0.045	1.14	.225 x .360	5.72 x 9.14	40	60	74	110
260150*	2	12	7W	0.020	0.51	0.045	1.14	0.355	9.02	41	61	85	127
234590	3	12	7W	0.020	0.51	0.045	1.14	0.385	9.78	62	92	131	195
255090	3+Grnd	12	7W	0.020	0.51	0.045	1.14	0.385	9.78	83	124	131	195
277460[2]	3	12	7W	0.020	0.51	0.045	1.14	0.385	9.78	62	92	131	195
234600	4	12	7W	0.020	0.51	0.045	1.14	0.420	10.67	83	124	138	205
226420	5	12	7W	0.020	0.51	0.045	1.14	0.445	11.30	108	160	165	246
234620	7	12	7W	0.020	0.51	0.045	1.14	0.490	12.45	144	214	217	323
226500	9	12	7W	0.020	0.51	0.060	1.52	0.605	15.37	185	275	297	442
234640	12	12	7W	0.020	0.51	0.060	1.52	0.675	17.15	247	368	377	561
243600*	19	12	7W	0.020	0.51	0.060	1.52	0.785	19.94	391	582	568	845
243610*	25	12	7W	0.020	0.51	0.080	2.03	0.940	23.88	515	767	775	1153
321720*	30	12	7W	0.020	0.51	0.080	2.03	1.030	26.16	618	920	919	1368
234680*	37	12	7W	0.020	0.51	0.080	2.03	1.105	28.07	762	1134	1100	1637
10 AWG CONDUCTORS													
236300	2 Flat	10	7W	0.026	0.66	0.045	1.14	.260 x .425	6.60 x 10.80	64	95	108	161
243630*	2	10	7W	0.026	0.66	0.045	1.14	0.420	10.67	65	97	115	171
236310	3	10	7W	0.026	0.66	0.045	1.14	0.450	11.43	131	195	191	284
255080	3+Grnd	10	7W	0.026	0.66	0.045	1.14	0.450	11.43	131	195	191	284
236320	4	10	7W	0.026	0.66	0.045	1.14	0.505	12.83	135	200	209	311
236330	5	10	7W	0.026	0.66	0.060	1.52	0.570	14.48	169	252	268	399
236340	7	10	7W	0.026	0.66	0.060	1.52	0.620	15.75	236	351	350	521
243620*	9	10	7W	0.026	0.66	0.060	1.52	0.725	18.42	295	440	440	655
236350*	12	10	7W	0.026	0.66	0.060	1.52	0.815	20.70	404	602	584	869

Dimensions and weights are nominal; subject to industry tolerances.
* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.
[1] Approved as TYPE TC-ER for Exposed Run applications of 3 or more conductors as defined by NEC.
[2] Color Code: black, white, green.

Product Construction:

Conductor:
- 14 AWG thru 10 AWG fully annealed stranded bare copper per ASTM B3
- Class B stranding per ASTM B8

Insulation:
- Flame-retardant Polyvinyl Chloride (PVC) with Polyamide (nylon)
- Color-coded per ICEA Method 1, Table E-2 plus alpha-numeric printed numbers (does not include white or green)

Jacket:
- Lead-free, flame-retardant, sunlight-resistant Polyvinyl Chloride (PVC)

Applications:
- In free air, raceways and direct burial
- In wet or dry locations
- Approved for direct burial
- Class I, Division 2 industrial hazardous locations per NEC
- Permitted for Exposed Run (ER) use in accordance with NEC for 3 or more conductors

Features:
- Rated at 90˚C dry, 75˚C wet
- Ripcord applied to all cables with jacket thickness of 60 mils or less
- Provides outstanding sunlight, cold bend and cold impact resistance
- Offers the smallest cable O.D. available for suitable applications
- Provides long service life
- Provides good oil and chemical resistance
- Meets cold bend test at -25˚C
- Meets the crush and impact requirements of Type MC cable

Compliances:

Industry Compliances:
- UL 83 NEC Type THHN/THWN conductors
- UL 1277 Type TC-ER for 3 or more conductors, UL File # E57179
- UL 1581
- ICEA S-73-532/NEMA WC57

Flame Test Compliances:
- UL 1685 Vertical Flame Test
- IEEE 383
- IEEE 1202
- CSA FT4

Other Compliances:
- EPA 40 CFR, Part 261 for leachable lead content per TCLP
- OSHA Acceptable
- RoHS Compliant

Packaging:
- Material cut to length and shipped on non-returnable wood reels

UL LISTED

RoHS Compliant Directive 2011/65/EU

General Cable
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