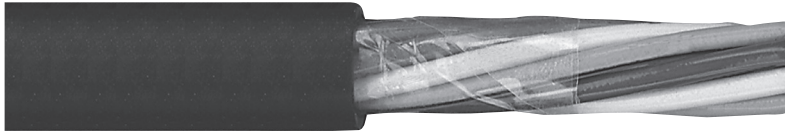


VNTC®PVC/Nylon/PVC, Control, Unshielded 600 V
UL Type TC-ER¹ (14 AWG—10 AWG)—E-2 Color Code

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	
				IN	mm	IN	mm	IN	mm	LBS/1000 FT	kg/km	LBS/1000 FT	kg/km

14 AWG CONDUCTORS

235040	2 Flat	14	7W	0.019	0.48	0.045	1.14	.205 x .320	5.21 x 8.13	25	38	52	77
245590*	2	14	7W	0.019	0.48	0.045	1.14	0.320	8.13	26	38	59	88
235050	3	14	7W	0.019	0.48	0.045	1.14	0.335	8.51	39	58	75	112
235060	4	14	7W	0.019	0.48	0.045	1.14	0.365	9.27	52	77	94	140
235070	5	14	7W	0.019	0.48	0.045	1.14	0.395	10.03	65	96	114	169
235080	7	14	7W	0.019	0.48	0.045	1.14	0.435	11.05	91	135	151	225
235090	9	14	7W	0.019	0.48	0.045	1.14	0.505	12.83	116	173	195	291
235110	12	14	7W	0.015	0.38	0.060	1.52	0.595	15.11	155	231	263	391
235130	19	14	7W	0.015	0.38	0.060	1.52	0.690	17.53	246	366	388	577
235150	25	14	7W	0.015	0.38	0.060	1.52	0.805	20.45	323	481	503	748
235160*	30	14	7W	0.015	0.38	0.080	2.03	0.895	22.73	387	576	637	948
235170	37	14	7W	0.015	0.38	0.080	2.03	0.960	24.38	479	712	749	1114

12 AWG CONDUCTORS

234580	2 Flat	12	7W	0.019	0.48	0.045	1.14	.225 x .355	5.72 x 9.02	40	60	71	105
260150*	2	12	7W	0.019	0.48	0.045	1.14	0.355	9.02	41	61	80	120
234590	3	12	7W	0.019	0.48	0.045	1.14	0.375	9.53	62	92	104	154
255090	3+Grnd	12	7W	0.019	0.48	0.045	1.14	0.375	9.53	82	122	124	184
277460 ²	3	12	7W	0.019	0.48	0.045	1.14	0.375	9.53	62	92	104	154
234600	4	12	7W	0.019	0.48	0.045	1.14	0.390	9.91	82	122	131	195
226420	5	12	7W	0.019	0.48	0.045	1.14	0.450	11.43	103	153	163	242
234620	7	12	7W	0.019	0.48	0.045	1.14	0.490	12.45	144	214	215	319
226500	9	12	7W	0.019	0.48	0.060	1.52	0.600	15.24	185	275	296	440
234640	12	12	7W	0.019	0.48	0.060	1.52	0.670	17.02	247	367	372	553
243600	19	12	7W	0.019	0.48	0.060	1.52	0.785	19.94	391	581	583	868
243610*	25	12	7W	0.019	0.48	0.080	2.03	0.940	23.88	514	765	766	1140
321720*	30	12	7W	0.019	0.48	0.080	2.03	1.030	26.16	618	920	919	1368
234680*	37	12	7W	0.019	0.48	0.080	2.03	1.105	28.07	762	1134	1100	1637

10 AWG CONDUCTORS

236300	2 Flat	10	7W	0.024	0.61	0.045	1.14	.260 x .420	6.60 x 10.67	64	95	104	154
243630*	2	10	7W	0.024	0.61	0.045	1.14	0.420	10.67	65	97	115	171
236310	3	10	7W	0.024	0.61	0.045	1.14	0.445	11.30	98	146	154	228
255080	3+Grnd	10	7W	0.024	0.61	0.045	1.14	0.445	11.30	131	195	185	276
236320	4	10	7W	0.024	0.61	0.045	1.14	0.490	12.45	131	195	196	292
236330	5	10	7W	0.024	0.61	0.060	1.52	0.575	14.61	164	243	261	389
236340	7	10	7W	0.024	0.61	0.060	1.52	0.625	15.88	229	341	344	511
243620*	9	10	7W	0.024	0.61	0.060	1.52	0.725	18.42	295	439	440	655
236350	12	10	7W	0.024	0.61	0.060	1.52	0.805	20.45	392	584	558	830

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, cable tray, raceways or direct burial
- In wet or dry locations
- Permitted for use in 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 wet or dry
- Ripcord applied to all cables with jacket of 60 mils or less
- Meets cold bend test at -25°C
- Type ER versions meets crush and impact requirements of Type MC cables.
- Sunlight- and weather-resistant
- Excellent flame resistance
- Excellent physical, thermal and electrical properties
- Excellent moisture resistance
- Good resistance to abrasion and heat deformation
- Provides good oil and chemical resistance

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

