



Wire and Cable Solutions for Utility Applications

 **SHAWFLEX**





Ensure electrical and mechanical reliability with the engineered products and solutions of Shawflex

INTEGRITY IS BEHIND EVERYTHING WE DO.

Shawflex is committed to leading the industry with innovative solutions that are proven to be dependable, tested to the highest standards, and precisely manufactured to our customer's specifications. It is our focus to be the one stop-shop, for all your requirements from product design to manufacturing.

Our customers rely on our unique in-house design capability and expertise to tackle projects of all scopes and sizes. We provide comprehensive services, advanced in-house materials engineering, product research and development as well as pre-qualification testing. We offer customers much more than a catalog of products. We provide the technical leadership and service responsiveness needed to meet all of your project deadlines and your performance requirements to produce a dependable and superior product.

KEY MARKETS

- Nuclear Power
- EV Infrastructure
- Industrial & Commercial
- Communications
- Marine & Shipboard
- Utilities
- Aerospace & Defense
- Mining
- Custom Cable Solutions
- Renewable Energy
- Transit & Railway

Recognized Supplier to the Electrical Utility Market in North America

Shawflex stands as a reliable and prominent manufacturer of high-grade wire and cable solutions, serving as a key ally to major utility companies. We ensure that our products deliver consistent electrical and physical performance throughout their lifespan, withstanding harsh weather conditions effectively.

We provide an extensive selection of Power and Control Cables tailored to address both the modernization of aging infrastructure and the demands of new smart grid initiatives, including significant investments in substations and distribution grids. With diverse cable configurations and robust shielding construction, our products are well-suited for industrial and utility applications, delivering exceptional performance and streamlined installation processes.

Shawflex provides 600, 1000 and 2000 V UL Type TC Tray, with a wide variety of cable configurations, high conductor counts, top industry performance and quality, and with low MOQ and lead time requirements.

WE DO THIS BY:

- Providing a variety of insulation and jacketing materials, such as, PVC/Nylon, XLPE, and EPR insulation, PVC, CPE (thermoplastic and thermoset), and LSZH compounds for jacketing, with a wide selection of shielding configurations including aluminum mylar tape, longitudinally corrugated copper tape, helical copper tape, copper braid, and combinations thereof.
- Supporting your challenging and complex cable design needs - including products with over 80 conductors - with a team of highly experienced engineering and operations professionals.
- Offering one-stop solution with a broad range of sizes and cable configurations available to meet your diverse performance requirements.



UL TRAY CABLE CONSTRUCTION COMPARISONS

CABLE INSULATION AND JACKET MATERIAL	COST	LOW TEMP FLEX	CHEMICAL RESISTANT	FLAME RETARDANT	LOW SMOKE GENERATION	MECHANICAL PROTECTION	ELECTRICAL STABILITY IN WATER	OIL RESISTANCE	THERMAL STABILITY	ACID GAS GENERATION
VNTC 90C DRY										
XLPE/PVC										
XLPE/CPE TP										
XLPE/CPE TS										
EPR/CPE TP										
EPR/CPE TS										
XLPE/TP LSZH										



FEATURES AND BENEFITS

- Can be used outside of the cable tray - with no set length limitations - for reduced overall installation expense with TC-ER rating.
- High chemical and oil resistance, for increased durability and reliability in industrial environments.
- Great low-temperature performance, for safe and high-quality extreme cold installations.
- Sunlight resistance (SUN RES) available for all jackets.
- Suitable for both direct burial and exposed run installation.
- IEEE 1202/FT4 Industry standard flame-retardant test rated.

UNIQUE IN-HOUSE DESIGN CAPABILITY, PRODUCT DEVELOPMENT AND PRE-QUALIFICATION TESTING

If you are looking for products that are engineered to specification, our team of solution experts will work with your engineers in direct response to your unique technical challenges. You get innovative solutions that are proven dependable, tested to the highest standards, and precisely manufactured to your specifications.



 **SHAWFLEX**

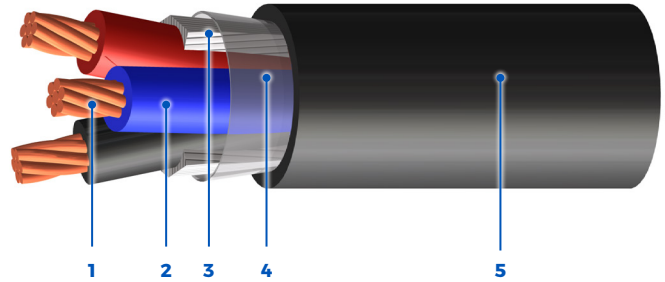
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UL Type TC Tray Control, Multi-Conductor, 600/1000 V

Tray Control cables are suitable for use in ventilated, non-ventilated and ladder type cable trays, direct burial, raceways and for exposed or concealed wiring in wet, damp or dry locations in -40°C (-40°F) environments. Applicable for use in Utilities, Industrial and Commercial applications.

Standards:



- 1 – Strand Bare (ASTM B8) Annealed Copper Conductors
- 2 – FR XLPE (XHHW-2 Rated) Insulated Conductors
- 3 – Polypropylene Fillers

- 4 – Polyester Separator Tape
- 5 – FR PVC Outer Protective Jacket

Product Construction

Insulation:

- FR XLPE (XHHW-2 rated) rated: 90°C wet/dry
- VW-1 rated (optional)

Jacket:

- FR PVC outer black jacket rated: 90°C to -40°C
- Thermoset CPE (optional)
- Thermoplastic CPE (optional)
- Thermoplastic LSZH (optional)

Available in:

- Custom insulation/jacket colors
- Composite constructions

Certification/Compliances

- UL 1277, Tray Cable (TC-ER)
- UL 44, Thermoset Insulated Wires and Cables
- UL 1685/FT4, Vertical Tray Flame Test rated (optional)
- IEEE 1202/383 (70,000 BTU/hr), Vertical Flame Test rated (optional)
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (XHHW-2 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colors)
- Direct burial rated
- -40°C cold bend rated
- Rated for use in hazardous locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 22 (Div 2)

600/ 1000 V

Voltage

UL Type TC-ER

Control

Color Coding

- Method K1 & K2 (standard)
- Method 4 (optional)

UL Type TC Tray Control, Multi-Conductor, 600/1000 V

PART NUMBER	NUMBER OF PAIRS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2C010U140200300	2	14	0.372 / 9.5	72 / 108	25	66 / 30	3.3 / 85
2C010U140300300	3	14	0.392 / 10.0	90 / 134	25	99 / 45	3.5 / 90
2C010U140400300	4	14	0.426 / 10.8	111 / 166	20	132 / 60	3.8 / 97
2C010U140500300	5	14	0.465 / 11.8	130 / 194	20	165 / 75	4.2 / 106
2C010U140600300	6	14	0.505 / 12.8	153 / 228	20	197 / 90	4.5 / 115
2C010U140700300	7	14	0.505 / 12.8	167 / 249	17.5	230 / 104	4.5 / 115
2C010U140800300	8	14	0.575 / 14.6	207 / 308	17.5	263 / 119	5.2 / 131
2C010U141000300	10	14	0.668 / 17.0	256 / 381	12.5	329 / 149	6 / 153
2C010U141200300	12	14	0.688 / 17.5	291 / 433	12.5	395 / 179	6.2 / 157
2C010U141400300	14	14	0.722 / 18.4	331 / 493	12.5	461 / 209	6.5 / 165
2C010U141500300	15	14	0.741 / 18.8	351 / 522	12.5	494 / 224	6.7 / 169
2C010U142000300	20	14	0.841 / 21.4	453 / 674	12.5	658 / 298	7.6 / 192
2C010U142500300	25	14	0.974 / 24.7	590 / 878	11.25	823 / 373	8.8 / 223
2C010U143000300	30	14	1.028 / 26.1	680 / 1012	11.25	987 / 448	9.3 / 235
2C010U144000300	40	14	1.147 / 29.1	871 / 1296	10	1316 / 597	10.3 / 262
2C010U145000300	50	14	1.272 / 32.3	1067 / 1588	8.75	1645 / 746	11.4 / 291
2C010U120200300	2	12	0.408 / 10.4	95 / 141	30	104 / 47	3.7 / 93
2C010U120300300	3	12	0.431 / 10.9	122 / 182	30	157 / 71	3.9 / 98
2C010U120400300	4	12	0.470 / 11.9	150 / 224	24	209 / 95	4.2 / 107
2C010U120500300	5	12	0.514 / 13.1	183 / 272	24	261 / 118	4.6 / 117
2C010U120600300	6	12	0.589 / 15.0	233 / 347	24	313 / 142	5.3 / 135
2C010U120700300	7	12	0.589 / 15.0	255 / 380	21	365 / 166	5.3 / 135
2C010U120800300	8	12	0.634 / 16.1	283 / 421	21	418 / 189	5.7 / 145
2C010U121000300	10	12	0.740 / 18.8	351 / 523	15	522 / 237	6.7 / 169
2C010U121200300	12	12	0.763 / 19.4	405 / 602	15	626 / 284	6.9 / 174
2C010U121400300	14	12	0.802 / 20.4	460 / 685	15	731 / 331	7.2 / 183
2C010U121500300	15	12	0.823 / 20.9	488 / 727	15	783 / 355	7.4 / 188
2C010U122000300	20	12	0.976 / 24.8	672 / 1000	15	1044 / 474	8.8 / 223
2C010U122500300	25	12	1.082 / 27.5	821 / 1221	13.5	1305 / 592	9.7 / 247
2C010U123000300	30	12	1.144 / 29.1	953 / 1418	13.5	1566 / 710	10.3 / 261
2C010U124000300	40	12	1.278 / 32.5	1230 / 1831	12	2088 / 947	11.5 / 292

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

UL Type TC Tray Control, Multi-Conductor, 600/1000 V

PART NUMBER	NUMBER OF PAIRS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2C010U125000300	50	12	1.420 / 36.1	1515 / 2254	10.5	2610 / 1184	12.8 / 325
2C010U100200300	2	10	0.458 / 11.6	128 / 191	40	166 / 75	4.1 / 105
2C010U100300300	3	10	0.484 / 12.3	168 / 250	40	249 / 113	4.4 / 111
2C010U100400300	4	10	0.530 / 13.5	214 / 318	32	332 / 151	4.8 / 121
2C010U100500300	5	10	0.611 / 15.5	273 / 406	32	415 / 188	5.5 / 140
2C010U100600300	6	10	0.664 / 16.9	323 / 481	32	498 / 226	6 / 152
2C010U100700300	7	10	0.664 / 16.9	357 / 531	28	581 / 264	6 / 152
2C010U100800300	8	10	0.717 / 18.2	400 / 595	28	664 / 301	6.5 / 164
2C010U101000300	10	10	0.840 / 21.3	498 / 742	20	830 / 376	7.6 / 192
2C010U101200300	12	10	0.906 / 23.0	612 / 911	20	996 / 452	8.2 / 207
2C010U101400300	14	10	0.952 / 24.2	699 / 1040	20	1162 / 527	8.6 / 218
2C010U101500300	15	10	0.977 / 24.8	742 / 1104	20	1245 / 565	8.8 / 223
2C010U102000300	20	10	1.109 / 28.2	963 / 1434	20	1660 / 753	10 / 253
2C010U102500300	25	10	1.232 / 31.3	1179 / 1755	18	2075 / 941	11.1 / 282
2C010U103000300	30	10	1.304 / 33.1	1380 / 2053	18	2490 / 1129	11.7 / 298
2C010U104000300	40	10	1.461 / 37.1	1790 / 2664	16	3320 / 1506	13.1 / 334
2C010U105000300	50	10	1.626 / 41.3	2211 / 3291	14	4150 / 1882	14.6 / 372

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

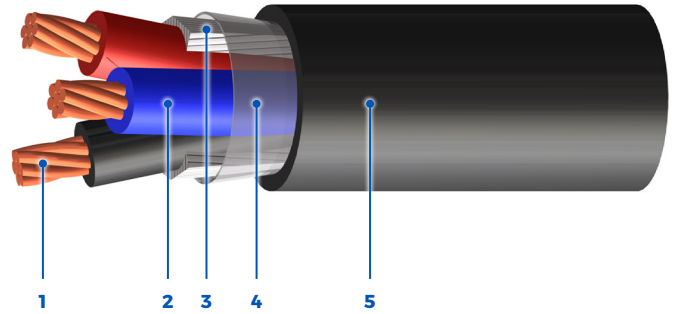
UL Type TC Tray Control, Multi-Conductor, 2000 V

Tray Control cables are suitable for use in ventilated, non-ventilated and ladder type cable trays, direct burial, raceways and for exposed or concealed wiring in wet, damp or dry locations in -40°C (-40°F) environments. Applicable for use in Utilities, Industrial and Commercial applications.

Standards:



TC-ER



- 1 - Strand Bare (ASTM B8) Annealed Copper Conductors
- 2 - FR XLPE (RHW-2 Rated) Insulated Conductors
- 3 - Polypropylene Fillers

- 4 - Polyester Separator Tape
- 5 - FR PVC Outer Protective Jacket

Product Construction

Insulation:

- FR XLPE (RHW-2 rated) rated: 90°C wet/dry

Jacket

- FR PVC outer black jacket rated: 90°C to -40°C
- Thermoset CPE (optional)
- Thermoplastic CPE (optional)
- Thermoplastic LSZH (optional)

Available in:

- Custom insulation/jacket colors
- Composite constructions

Certification/Compliances

- UL 1277, Tray Cable (TC-ER)
- UL 44, Thermoset Insulated Wires and Cables
- UL 1685/FT4, Vertical Tray Flame Test rated (optional)
- IEEE 1202/383 (70,000 BTU/hr), Vertical Flame Test rated (optional)
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (RHW-2 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colors)
- Direct burial rated
- -40°C cold bend rated
- Rated for use in hazardous locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 22 (Div 2)

2000 V

Voltage

UL Type TC-ER

Control

Color Coding

- Method K1 & K2 (standard)
- Method 4 (optional)

UL Type TC Tray Control, Multi-Conductor, 2000 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2K010U140200300	2	14	0.492 / 12.5	111 / 165	25	66 / 30	4.4 / 112
2K010U140300300	3	14	0.521 / 13.2	137 / 204	25	99 / 45	4.7 / 119
2K010U140400300	4	14	0.601 / 15.3	188 / 280	20	132 / 60	5.4 / 137
2K010U140500300	5	14	0.657 / 16.7	227 / 338	20	165 / 75	5.9 / 150
2K010U140600300	6	14	0.715 / 18.2	261 / 388	20	197 / 90	6.4 / 163
2K010U140300300	7	14	0.715 / 18.5	282 / 420	17.5	230 / 104	6.4 / 163
2K010U140800300	8	14	0.773 / 19.6	315 / 469	17.5	263 / 119	7 / 177
2K010U141000300	10	14	0.948 / 24.1	428 / 637	12.5	329 / 149	8.5 / 217
2K010U141200300	12	14	0.977 / 24.8	483 / 719	12.5	395 / 179	8.8 / 223
2K010U141400300	14	14	1.027 / 26.1	548 / 815	12.5	461 / 209	9.2 / 235
2K010U141500300	15	14	1.054 / 26.8	580 / 863	12.5	494 / 224	9.5 / 241
2K010U142000300	20	14	1.199 / 30.5	747 / 1111	12.5	658 / 298	10.8 / 274
2K010U142500300	25	14	1.334 / 33.9	908 / 1351	11.25	823 / 373	12 / 305
2K010U143000300	30	14	1.413 / 35.9	1048 / 1559	11.25	987 / 448	12.7 / 323
2K010U144000300	40	14	1.585 / 40.3	1344 / 2000	10	1316 / 597	14.3 / 362
2K010U145000300	50	14	1.826 / 46.4	1756 / 2613	8.75	1645 / 746	16.4 / 417
2K010U120200300	2	12	0.528 / 13.4	136 / 202	30	104 / 47	4.8 / 121
2K010U120300300	3	12	0.590 / 15.0	189 / 282	30	157 / 71	5.3 / 135
2K010U120400300	4	12	0.645 / 16.4	235 / 349	24	209 / 95	5.8 / 147
2K010U120500300	5	12	0.706 / 17.9	282 / 420	24	261 / 118	6.4 / 161
2K010U120600300	6	12	0.769 / 19.5	334 / 497	24	313 / 142	6.9 / 176
2K010U120700300	7	12	0.769 / 19.5	364 / 541	21	365 / 166	6.9 / 176
2K010U120800300	8	12	0.832 / 21.1	401 / 596	21	418 / 189	7.5 / 190
2K010U121000300	10	12	1.020 / 25.9	538 / 801	15	522 / 237	9.2 / 233
2K010U121200300	12	12	1.052 / 26.7	615 / 915	15	626 / 284	9.5 / 240
2K010U121400300	14	12	1.106 / 28.1	699 / 1040	15	731 / 331	10 / 253
2K010U121500300	15	12	1.136 / 28.9	741 / 1102	15	783 / 355	10.2 / 260
2K010U122000300	20	12	1.294 / 32.9	957 / 1425	15	1044 / 474	11.6 / 296
2K010U122500300	25	12	1.442 / 36.6	1170 / 1741	13.5	1305 / 592	13 / 330
2K010U123000300	30	12	1.529 / 38.8	1358 / 2021	13.5	1566 / 710	13.8 / 349
2K010U124000300	40	12	1.776 / 45.1	1853 / 2757	12	2088 / 947	16 / 406
2K010U125000300	50	12	1.975 / 50.2	2272 / 3381	10.5	2610 / 1184	17.8 / 451

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

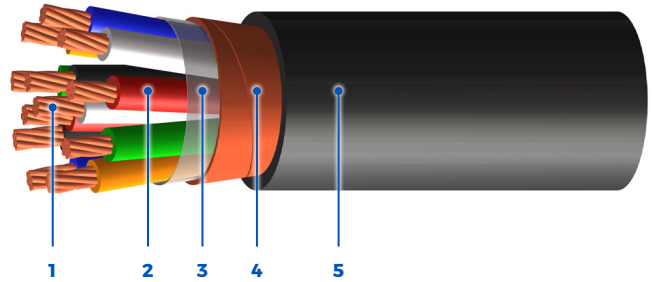
UL Type TC Tray Control, Multi-Conductor, 2000 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2K010U100200300	2	10	0.608 / 15.4	191 / 284	40	166 / 75	5.5 / 139
2K010U100300300	3	10	0.643 / 16.3	244 / 363	40	249 / 113	5.8 / 147
2K010U100400300	4	10	0.705 / 17.9	305 / 453	32	332 / 151	6.3 / 161
2K010U100500300	5	10	0.773 / 19.6	369 / 549	32	415 / 188	7 / 177
2K010U100600300	6	10	0.844 / 21.4	434 / 646	32	498 / 226	7.6 / 193
2K010U100700300	7	10	0.844 / 21.4	477 / 711	28	581 / 264	7.6 / 193
2K010U100800300	8	10	0.955 / 24.3	569 / 847	28	664 / 301	8.6 / 218
2K010U101000300	10	10	1.120 / 28.5	708 / 1053	20	830 / 376	10.1 / 256
2K010U101200300	12	10	1.155 / 29.4	814 / 1211	20	996 / 452	10.4 / 264
2K010U101400300	14	10	1.217 / 30.9	930 / 1384	20	1162 / 527	11 / 278
2K010U101500300	15	10	1.250 / 31.7	987 / 1469	20	1245 / 565	11.2 / 286
2K010U102000300	20	10	1.427 / 36.2	1284 / 1911	20	1660 / 753	12.8 / 326
2K010U102500300	25	10	1.592 / 40.4	1573 / 2341	18	2075 / 941	14.3 / 364
2K010U103000300	30	10	1.689 / 42.9	1837 / 2733	18	2490 / 1129	15.2 / 386
2K010U104000300	40	10	1.959 / 49.8	2492 / 3709	16	3320 / 1506	17.6 / 448

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

UL Type TC Copper Tape Utility, Multi-Conductor, 600/1000 V

Shawflex Utility cables are the ideal choice for applications requiring an extra level of durability and noise protection in utility applications.



1 – Stranded Bare (ASTM B8) Annealed Copper Conductors (Tin-coated Available)

2 – FR XLPE (XHHW-2 Rated) Insulated Conductors

3 – Polyester Separator Tape

4 – Bare/Tin-coated Copper Tape Shield

5 – FR PVC Outer Protective Jacket

Standards:



TC-ER

Product Construction

Insulation:

- FR XLPE (XHHW-2 rated) rated: 90°C wet/dry
- VW-1 rated (optional)

Shielding:

- Copper tape shield (standard)
- Available in various copper tape thickness & configurations
- All types of shields available

Shield Types:

- AL foil/mylar
- 3 mil/5mil helically applied CU tape
- 5 mil longitudinally applied corrugated CU tape
- Tinned CU braid

Jacket:

- FR PVC outer black jacket rated: 90°C to -40°C
- Thermoset CPE (optional)
- Thermoplastic CPE (optional)
- Thermoplastic LSZH (optional)

Available in:

- Custom insulation/jacket colors
- Composite constructions

Certification/Compliances

- UL 1277, Tray Cable (TC-ER)
- UL 44, Thermoset Insulated Wires and Cables
- UL 1685 FT4, Vertical Tray Flame Test rated
- IEEE 1202/383 (70,000 BTU/hr), Vertical Flame Test rated (optional)
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (XHHW-2 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colors)
- Direct burial rated
- -40°C cold bend rated
- Rated for use in hazardous locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 22 (Div 2)

600/ 1000 V

Voltage

UL Type TC-ER

Control

Color Coding

- Method K1 & K2 (standard)
- Method 4 (optional)

UL Type TC Copper Tape Utility, Multi-Conductor, 600/1000 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2C01HU140200300	2	14	0.396 / 10.1	104 / 155	25	66 / 30	7.1 / 181
2C01HU140300300	3	14	0.416 / 10.6	123 / 184	25	99 / 45	7.5 / 190
2C01HU140400300	4	14	0.451 / 11.4	148 / 221	20	132 / 60	8.1 / 206
2C01HU140500300	5	14	0.489 / 12.4	171 / 255	20	165 / 75	8.8 / 224
2C01HU140600300	6	14	0.529 / 13.4	199 / 295	20	197 / 90	9.5 / 242
2C01HU140700300	7	14	0.529 / 13.4	212 / 316	17.5	230 / 104	9.5 / 242
2C01HU140800300	8	14	0.599 / 15.2	257 / 382	17.5	263 / 119	10.8 / 274
2C01HU141000300	10	14	0.692 / 17.6	319 / 474	12.5	329 / 149	12.5 / 316
2C01HU141200300	12	14	0.712 / 18.1	356 / 530	12.5	395 / 179	12.8 / 326
2C01HU141400300	14	14	0.746 / 19.0	401 / 597	12.5	461 / 209	13.4 / 341
2C01HU141500300	15	14	0.765 / 19.4	423 / 629	12.5	494 / 224	13.8 / 350
2C01HU142000300	20	14	0.905 / 23.0	571 / 849	12.5	658 / 298	16.3 / 414
2C01HU142500300	25	14	0.998 / 25.4	686 / 1021	11.25	823 / 373	18 / 456
2C01HU143000300	30	14	1.053 / 26.7	783 / 1166	11.25	987 / 448	18.9 / 481
2C01HU144000300	40	14	1.171 / 29.7	990 / 1474	10	1316 / 597	21.1 / 535
2C01HU145000300	50	14	1.296 / 32.9	1202 / 1789	8.75	1645 / 746	23.3 / 592
2C01HU120200300	2	12	0.432 / 11.0	130 / 194	30	104 / 47	7.8 / 198
2C01HU120300300	3	12	0.455 / 11.6	159 / 237	30	157 / 71	8.2 / 208
2C01HU120400300	4	12	0.494 / 12.6	192 / 285	24	209 / 95	8.9 / 226
2C01HU120500300	5	12	0.568 / 14.4	245 / 364	24	261 / 118	10.2 / 260
2C01HU120600300	6	12	0.613 / 15.6	284 / 423	24	313 / 142	11 / 280
2C01HU120700300	7	12	0.613 / 15.6	306 / 456	21	365 / 166	11 / 280
2C01HU120800300	8	12	0.658 / 16.7	343 / 510	21	418 / 189	11.8 / 301
2C01HU121000300	10	12	0.764 / 19.4	423 / 630	15	522 / 237	13.8 / 349
2C01HU121200300	12	12	0.787 / 20.1	480 / 714	15	626 / 284	14.2 / 360
2C01HU121400300	14	12	0.826 / 21.0	540 / 804	15	731 / 331	14.9 / 378
2C01HU121500300	15	12	0.887 / 22.5	605 / 900	15	783 / 355	16 / 406
2C01HU122000300	20	12	1.000 / 25.4	770 / 1146	15	1044 / 474	18 / 457
2C01HU122500300	25	12	1.106 / 28.1	933 / 1388	13.5	1305 / 592	19.9 / 506
2C01HU123000300	30	12	1.168 / 29.7	1074 / 1598	13.5	1566 / 710	21 / 534
2C01HU124000300	40	12	1.302 / 33.1	1369 / 2038	12	2088 / 947	23.4 / 595

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

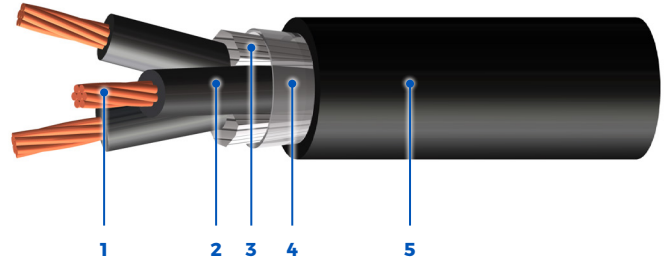
UL Type TC Copper Tape Utility, Multi-Conductor, 600/1000 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2C01HU125000300	50	12	1.444 / 36.7	1674 / 2491	10.5	2610 / 1184	26 / 660
2C01HU100200300	2	10	0.482 / 12.2	169 / 251	40	166 / 75	8.7 / 220
2C01HU100300300	3	10	0.508 / 12.9	211 / 314	40	249 / 113	9.2 / 232
2C01HU100400300	4	10	0.584 / 14.8	278 / 413	32	332 / 151	10.5 / 267
2C01HU100500300	5	10	0.635 / 16.1	327 / 486	32	415 / 188	11.4 / 290
2C01HU100600300	6	10	0.688 / 17.5	387 / 575	32	498 / 226	12.4 / 315
2C01HU100700300	7	10	0.688 / 17.5	421 / 627	28	581 / 264	12.4 / 315
2C01HU100800300	8	10	0.741 / 18.8	471 / 701	28	664 / 301	13.3 / 339
2C01HU101000300	10	10	0.904 / 23.0	617 / 918	20	830 / 376	16.3 / 413
2C01HU101200300	12	10	0.930 / 23.6	702 / 1045	20	996 / 452	16.7 / 425
2C01HU101400300	14	10	0.976 / 24.8	795 / 1184	20	1162 / 527	17.6 / 446
2C01HU101500300	15	10	1.001 / 25.4	842 / 1252	20	1245 / 565	18 / 458
2C01HU102000300	20	10	1.133 / 28.8	1081 / 1608	20	1660 / 753	20.4 / 518
2C01HU102500300	25	10	1.256 / 31.9	1313 / 1954	18	2075 / 941	22.6 / 574
2C01HU103000300	30	10	1.328 / 33.7	1524 / 2268	18	2490 / 1129	23.9 / 607
2C01HU104000300	40	10	1.485 / 37.7	1959 / 2915	16	3320 / 1506	26.7 / 679
2C01HU105000300	50	10	1.650 / 41.9	2406 / 3581	14	4150 / 1882	29.7 / 755

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

UL Type TC Tray Control FR-EPR/CPE, Multi-Conductor, 600 V

For use where flame retardance, oil and moisture/chemical resistance are critical. FR EPR cables can be installed in cable tray, free air, in raceways or in direct burial applications



Standards:



TC-ER

1 - Bare Copper Conductors
(Tin-coated Available)

2 - FR Ethylene
Propylene Rubber (EPR)
Insulated Conductors

3 - Polypropylene Fillers

4 - Polyester Separator Tape

5 - Thermoplastic CPE
Protective Jacket

Product Construction

Insulation:

- FR EPR (XHHW-2 rated)
rated: 90°C wet/dry

Jacket:

- Thermoplastic CPE black
outer jacket (standard)
rated: 90°C
- Thermoset CPE (optional)

Available in:

- Custom insulation/
jacket colors
- Composite constructions
- TC-ER (optional)
- All types of shields
available

Certification/Compliances

- UL 1277, Tray Cable (TC-ER)
- UL 44, Thermoset Insulated
Wires and Cables
- UL 1685/FT4, Vertical
Tray Flame Test rated
- IEEE 1202/383 (70,000
BTU/hr), Vertical Flame
Test rated
- ICEA T-30-520 (70,000
BTU/hr), Vertical Flame
Test rated
- EPR (XHHW-2 rated),
90°C wet/dry
- UV sunlight resistant
"SUN RES" (all colors)
- Oil Res I & II rated
- Direct burial rated
- 40°C cold bend rated
- Rated for use in
hazardous locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 20, 21 (Div 1)
 - Class II Zone 22 (Div 2)

600 V

Voltage
(2000 V optional)

Color Coding

- Method K1 & K2 (standard)
- Method 4 (optional)

UL Type TC-ER

Control

UL Type TC Tray Control FR-EPR/CPE, Multi-Conductor, 600 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2M010U140200400	2	14	0.372 / 9.5	75 / 111	25	66 / 30	3.3 / 85
2M010U140300400	3	14	0.392 / 10.0	94 / 140	25	99 / 45	3.5 / 90
2M010U140400400	4	14	0.426 / 10.8	117 / 174	20	132 / 60	3.8 / 97
2M010U140500400	5	14	0.465 / 11.8	138 / 205	20	165 / 75	4.2 / 106
2M010U140600400	6	14	0.505 / 12.8	162 / 241	20	197 / 90	4.5 / 115
2M010U140700400	7	14	0.505 / 12.8	177 / 264	17.5	230 / 104	4.5 / 115
2M010U140800400	8	14	0.575 / 14.6	218 / 325	17.5	263 / 119	5.2 / 131
2M010U141000400	10	14	0.668 / 17.0	270 / 402	12.5	329 / 149	6 / 153
2M010U141200400	12	14	0.688 / 17.5	309 / 460	12.5	395 / 179	6.2 / 157
2M010U141400400	14	14	0.722 / 18.4	352 / 524	12.5	461 / 209	6.5 / 165
2M010U141500400	15	14	0.741 / 18.8	373 / 556	12.5	494 / 224	6.7 / 169
2M010U142000400	20	14	0.841 / 21.4	483 / 719	12.5	658 / 298	7.6 / 192
2M010U142500400	25	14	0.974 / 24.7	628 / 935	11.25	823 / 373	8.8 / 223
2M010U143000400	30	14	1.028 / 26.1	726 / 1081	11.25	987 / 448	9.3 / 235
2M010U144000400	40	14	1.147 / 29.1	933 / 1389	10	1316 / 597	10.3 / 262
2M010U145000400	50	14	1.272 / 32.3	1145 / 1704	8.75	1645 / 746	11.4 / 291
2M010U120200400	2	12	0.408 / 10.4	98 / 146	30	104 / 47	3.7 / 93
2M010U120300400	3	12	0.431 / 10.9	127 / 189	30	157 / 71	3.9 / 98
2M010U120400400	4	12	0.470 / 11.9	157 / 234	24	209 / 95	4.2 / 107
2M010U120500400	5	12	0.514 / 13.1	192 / 285	24	261 / 118	4.6 / 117
2M010U120600400	6	12	0.589 / 15.0	243 / 362	24	313 / 142	5.3 / 135
2M010U120700400	7	12	0.589 / 15.0	267 / 398	21	365 / 166	5.3 / 135
2M010U120800400	8	12	0.634 / 16.1	297 / 442	21	418 / 189	5.7 / 145
2M010U121000400	10	12	0.740 / 18.8	369 / 549	15	522 / 237	6.7 / 169
2M010U121200400	12	12	0.763 / 19.4	426 / 634	15	626 / 284	6.9 / 174
2M010U121400400	14	12	0.802 / 20.4	485 / 722	15	731 / 331	7.2 / 183
2M010U121500400	15	12	0.823 / 20.9	516 / 767	15	783 / 355	7.4 / 188
2M010U122000400	20	12	0.976 / 24.8	709 / 1054	15	1044 / 474	8.8 / 223
2M010U122500400	25	12	1.082 / 27.5	867 / 1290	13.5	1305 / 592	9.7 / 247
2M010U123000400	30	12	1.144 / 29.1	1008 / 1501	13.5	1566 / 710	10.3 / 261
2M010U124000400	40	12	1.278 / 32.5	1305 / 1942	12	2088 / 947	11.5 / 292
2M010U125000400	50	12	1.420 / 36.1	1608 / 2394	10.5	2610 / 1184	12.8 / 325
2M010U100200400	2	10	0.458 / 11.6	132 / 197	40	166 / 75	4.1 / 105

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

UL Type TC Tray Control FR-EPR/CPE, Multi-Conductor, 600 V

PART NUMBER	NUMBER OF CONDUCTORS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2M010U100300400	3	10	0.484 / 12.3	175 / 260	40	249 / 113	4.4 / 111
2M010U100400400	4	10	0.530 / 13.5	222 / 331	32	332 / 151	4.8 / 121
2M010U100500400	5	10	0.611 / 15.5	284 / 422	32	415 / 188	5.5 / 140
2M010U100600400	6	10	0.664 / 16.9	336 / 500	32	498 / 226	6 / 152
2M010U100700400	7	10	0.664 / 16.9	373 / 555	28	581 / 264	6 / 152
2M010U100800400	8	10	0.717 / 18.2	418 / 622	28	664 / 301	6.5 / 164
2M010U101000400	10	10	0.840 / 21.3	521 / 775	20	830 / 376	7.6 / 192
2M010U101200400	12	10	0.906 / 23.0	639 / 951	20	996 / 452	8.2 / 207
2M010U101400400	14	10	0.952 / 24.2	731 / 1088	20	1162 / 527	8.6 / 218
2M010U101500400	15	10	0.977 / 24.8	776 / 1155	20	1245 / 565	8.8 / 223
2M010U102000400	20	10	1.109 / 28.2	1009 / 1502	20	1660 / 753	10 / 253
2M010U102500400	25	10	1.232 / 31.3	1237 / 1841	18	2075 / 941	11.1 / 282
2M010U103000400	30	10	1.304 / 33.1	1450 / 2158	18	2490 / 1129	11.7 / 298
2M010U104000400	40	10	1.461 / 37.1	1885 / 2805	16	3320 / 1506	13.1 / 334
2M010U105000400	50	10	1.626 / 41.3	2330 / 3468	14	4150 / 1882	14.6 / 372

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors.

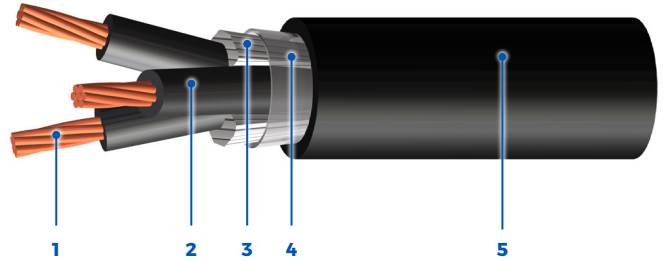
UL Type TC Tray Power, Multi-Conductor, 600/1000 V

Tray Power cables are suitable for use in ventilated, non-ventilated and ladder type cable trays, direct burial, raceways and for exposed or concealed wiring in wet, damp or dry locations in -40°C (-40°F environments). Applicable for use in Utilities, Industrial and Commercial applications.

Standards:



TC-ER



1 - Strand Bare (ASTM B8)
Annealed Copper Conductors

2 - FR XLPE (XHHW-2 Rated)
Insulated Conductors

3 - Polypropylene Fillers

4 - Polyester Separator Tape

5 - FR PVC Outer
Protective Jacket

Product Construction

Insulation:

- FR XLPE (XHHW-2 rated) rated: 90°C wet/dry
- VW-1 rated (optional)

Jacket:

- FR PVC outer black jacket rated: 90°C to -40°C
- Thermoset CPE (optional)
- Thermoplastic CPE (optional)
- Thermoplastic LSZH (optional)

Available in:

- Custom insulation/jacket colors
- Composite constructions
- All types of shields available

Certification/Compliances

- UL 1277, Tray Cable (TC-ER)
- UL 44, Thermoset Insulated Wires and Cables
- UL 1685/FT4, Vertical Tray Flame Test rated (optional)
- IEEE 1202/383 (70,000 BTU/hr), Vertical Flame Test rated (optional)
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (XHHW-2 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colors)
- Direct burial rated
- -40°C cold bend rated
- Rated for use in hazardous locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 22 (Div 2)

600/ 1000 V

Voltage

UL Type TC-ER

Power

Color Coding

- Black conductors (standard)
- Method K1 or K2 (optional)
- Method 4 (optional)

UL Type TC Tray Power, Multi-Conductor, 600/1000 V

PART NUMBER	NUMBER OF PAIRS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2C010U140200300	2	14	0.372 / 9.5	72 / 108	25	66 / 30	3.3 / 85
2C010U120200300	2	12	0.408 / 10.4	95 / 141	30	104 / 47	3.7 / 93
2C010U100200300	2	10	0.458 / 11.6	128 / 191	40	166 / 75	4.1 / 105
2C010U080200300	2	8	0.606 / 15.4	218 / 324	55	265 / 120	5.5 / 139
2C010U060200300	2	6	0.684 / 17.4	298 / 443	75	419 / 190	6.2 / 156
2C010U040200300	2	4	0.778 / 19.8	426 / 634	95	668 / 303	7 / 178
2C010U030200300	2	3	0.832 / 21.1	511 / 761	115	842 / 382	7.5 / 190
2C010U020200300	2	2	0.934 / 23.7	656 / 977	130	1062 / 482	8.4 / 214
2C010U010240300	2	1	1.052 / 26.7	816 / 1214	145	1339 / 607	9.5 / 240
2C010U1/0240300	2	1/0	1.132 / 28.8	991 / 1474	170	1690 / 766	10.2 / 259
2C010U2/0240300	2	2/0	1.218 / 30.9	1202 / 1789	195	2130 / 966	11 / 278
2C010U3/0240300	2	3/0	1.320 / 33.5	1468 / 2184	225	2671 / 1212	11.9 / 302
2C010U4/0240300	2	4/0	1.432 / 36.4	1799 / 2677	260	3386 / 1536	12.9 / 327
2C010U250260300	2	250	1.564 / 39.7	2099 / 3123	290	4000 / 1814	14.1 / 358
2C010U300260300	2	300	1.670 / 42.4	2465 / 3668	320	4800 / 2177	15 / 382
2C010U350260300	2	350	1.830 / 46.5	2939 / 4373	350	5600 / 2540	16.5 / 418
2C010U500260300	2	500	2.086 / 53.0	4036 / 6007	430	8000 / 3629	18.8 / 477
2C010U140300300	3	14	0.392 / 10.0	90 / 134	25	99 / 45	3.5 / 90
2C010U120300300	3	12	0.431 / 10.9	122 / 182	30	157 / 71	3.9 / 98
2C010U100300300	3	10	0.484 / 12.3	168 / 250	40	249 / 113	4.4 / 111
2C010U080300300	3	8	0.641 / 16.3	285 / 424	55	397 / 180	5.8 / 147
2C010U060300300	3	6	0.725 / 18.4	398 / 592	75	629 / 285	6.5 / 166
2C010U040300300	3	4	0.826 / 21.0	577 / 859	95	1002 / 454	7.4 / 189
2C010U030300300	3	3	0.924 / 23.5	736 / 1096	115	1263 / 573	8.3 / 211
2C010U020300300	3	2	0.991 / 25.2	886 / 1319	130	1593 / 723	8.9 / 226
2C010U010340300	3	10	1.117 / 28.4	1110 / 1652	145	2009 / 911	10.1 / 255
2C010U1/0340300	3	1/0	1.203 / 30.6	1359 / 2022	170	2534 / 1150	10.8 / 275
2C010U2/0340300	3	2/0	1.296 / 32.9	1657 / 2465	195	3194 / 1449	11.7 / 296
2C010U3/0340300	3	3/0	1.406 / 35.7	2034 / 3027	225	4007 / 1818	12.6 / 321
2C010U4/0340300	3	4/0	1.526 / 38.8	2501 / 3722	260	5078 / 2304	13.7 / 349
2C010U250360300	3	250	1.668 / 42.4	2927 / 4356	290	6000 / 2722	15 / 381

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors. Per Table 310.15(C)(1), the ampacity of 4/C cable shall be reduced by a factor of 0.8 when the neutral is considered a current-carrying conductor.

UL Type TC Tray Power, Multi-Conductor, 600/1000 V

PART NUMBER	NUMBER OF PAIRS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	AMPACITY	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(30°C ambient)	(lb/kg)	(in/mm)
2C010U300360300	3	300	1.842 / 46.8	3556 / 5292	320	7200 / 3266	16.6 / 421
2C010U350360300	3	350	1.949 / 49.5	4089 / 6086	350	8400 / 3810	17.5 / 446
2C010U500360300	3	500	2.224 / 56.5	5662 / 8426	430	12000 / 5443	20 / 509
2C010U750360300	3	750	2.674 / 67.9	8362 / 12444	535	18000 / 8165	24.1 / 611
2C010U140400300	4	14	0.426 / 10.8	111 / 166	20	132 / 60	3.8 / 97
2C010U120400300	4	12	0.470 / 11.9	150 / 224	24	209 / 95	4.2 / 107
2C010U100400300	4	10	0.530 / 13.5	214 / 318	32	332 / 151	4.8 / 121
2C010U080400300	4	8	0.702 / 17.8	357 / 531	44	529 / 240	6.3 / 161
2C010U060400300	4	6	0.796 / 20.2	504 / 750	60	839 / 380	7.2 / 182
2C010U040400300	4	4	0.949 / 24.1	776 / 1154	76	1336 / 606	8.5 / 217
2C010U030400300	4	3	1.014 / 25.8	935 / 1392	92	1684 / 764	9.1 / 232
2C010U020400300	4	2	1.088 / 27.7	1143 / 1701	104	2124 / 964	9.8 / 249
2C010U010440300	4	1	1.231 / 31.3	1429 / 2127	116	2678 / 1215	11.1 / 281
2C010U1/0440300	4	1/0	1.327 / 33.7	1751 / 2605	136	3379 / 1533	11.9 / 303
2C010U2/0440300	4	2/0	1.431 / 36.3	2143 / 3189	156	4259 / 1932	12.9 / 327
2C010U4/0440300	4	4/0	1.749 / 44.4	3368 / 5012	208	6771 / 3071	15.7 / 400
2C010U250460300	4	250	1.908 / 48.5	3927 / 5844	232	8000 / 3629	17.2 / 436
2C010U300460300	4	300	2.035 / 51.7	4630 / 6890	256	9600 / 4355	18.3 / 465
2C010U350460300	4	350	2.156 / 54.8	5329 / 7931	280	11200 / 5080	19.4 / 493
2C010U500460300	4	500	2.464 / 62.6	7406 / 11021	344	16000 / 7258	22.2 / 563
2C010U750460300	4	750	3.028 / 76.9	11138 / 16575	428	24000 / 10886	27.3 / 692

*Ampacity value based on National Electrical Code, Version 2020, Table 310.16. Values are corrected according to Table 310.15(C)(1) for number of Conductors. Per Table 310.15(C)(1), the ampacity of 4/C cable shall be reduced by a factor of 0.8 when the neutral is considered a current-carrying conductor.

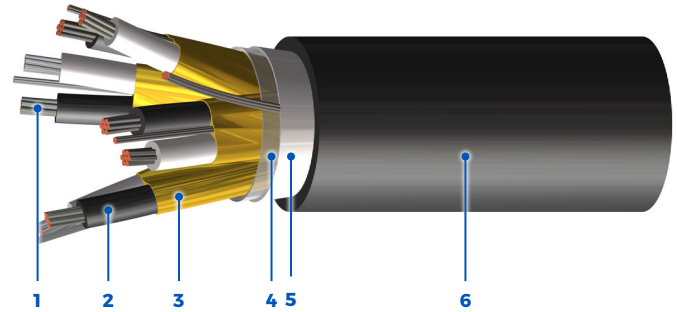
UL Type TC Tray, Instrumentation, 600 V

Tray Instrumentation cables can be used to minimize noise and signal interference by preventing crosstalk between pairs and triads. This cable can also be used to carry analog or digital signals. Tray Instrumentation cables can be installed in raceways, direct burial applications and in outdoor exposed industrial applications.

Standards:



TC-ER



- 1 - Stranded Bare Copper Conductors (Tin-coated available)
- 2 - FR XLPE (XHHW-2 rated) Insulated Conductors
- 3 - Individual Shield & Overall Shielded Pairs/Triads with Tin-coated Copper Drain Wire

- 4 - Polyester Separator Tape
- 5 - Overall Aluminum/Mylar Shield with Tin-coated Copper Drain Wire
- 6 - FR PVC Protective Jacket

Product Construction

Insulation:

- FR XLPE (XHHW-2 rated) rated: 90°C wet/dry
- VW-1 rated (optional)

Shielding (foil-free edge):

- ISOS (standard)
- OS (optional)

Jacket:

- FR PVC outer black jacket rated: 90°C to -40°C
- Thermoset CPE (optional)
- Thermoplastic CPE (optional)
- Thermoplastic LSZH (optional)

Available in:

- Custom insulation/jacket colors
- Composite constructions

Certification/Compliances

- UL 1277, Tray Cable (TC-ER)
- UL 44, Thermoset Insulated Wires and Cables
- UL 1685/FT4, Vertical Tray Flame Test rated (optional)
- IEEE 1202/383 (70,000 BTU/hr), Vertical Flame Test rated (optional)
- ICEA T-30-520 (70,000 BTU/hr), Vertical Flame Test rated
- XLPE (XHHW-2 rated), 90°C wet/dry
- UV sunlight resistant "SUN RES" (all colors)
- Direct burial rated
- -40°C cold bend rated
- Rated for use in hazardous locations:
 - Class I Zone 2 (Div 2)
 - Class II Zone 22 (Div 2)

600 V

Voltage

Color Coding

- Pairs - Black, & white, with black printing on white (standard)
- Triads - Black, white & red, with black printing on white (standard)
- Method 4 (optional)

UL Type TC-ER

Instrumentation

UL Type TC Tray, Instrumentation, 600 V

Pairs

PART NUMBER	NUMBER OF PAIRS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(lb/kg)	(in/mm)
2C021U160100300	1	16	0.347 / 8.8	60 / 89	41 / 19	6.2 / 159
2C022U160200300	2	16	0.514 / 13.1	126 / 187	82 / 37	9.3 / 235
2C022U160400300	4	16	0.632 / 16.1	199 / 296	165 / 75	11.4 / 289
2C022U160600300	6	16	0.756 / 19.2	282 / 420	247 / 112	13.6 / 346
2C022U160800300	8	16	0.821 / 20.9	349 / 519	330 / 150	14.8 / 375
2C022U161200300	12	16	1.042 / 26.5	534 / 795	494 / 224	18.7 / 476
2C022U161600300	16	16	1.160 / 29.5	667 / 993	659 / 299	20.9 / 530
2C022U162400300	24	16	1.438 / 36.5	963 / 1433	989 / 449	25.9 / 658
2C022U163600300	36	16	1.657 / 42.1	1353 / 2013	1483 / 673	29.8 / 758
2C021U180100300	1	18	0.323 / 8.2	49 / 73	26 / 12	5.8 / 148
2C022U180200300	2	18	0.475 / 12.1	100 / 149	52 / 24	8.5 / 217
2C022U180400300	4	18	0.584 / 14.8	156 / 232	104 / 47	10.5 / 267
2C022U180600300	6	18	0.696 / 17.7	218 / 324	156 / 71	12.5 / 318
2C022U180800300	8	18	0.754 / 19.2	266 / 396	208 / 94	13.6 / 345
2C022U181200300	12	18	0.957 / 24.3	407 / 605	312 / 142	17.2 / 438
2C022U181800300	18	18	1.122 / 28.5	559 / 832	468 / 212	20.2 / 513
2C022U182400300	24	18	1.315 / 33.4	719 / 1070	624 / 283	23.7 / 601

UL Type TC Tray, Instrumentation, 600 V

Triads

PART NUMBER	NUMBER OF TRIADS	CONDUCTOR SIZE	NOMINAL DIAMETER OVERALL CABLE	CABLE WEIGHT	MAX PULLING TENSION (PULLING EYE)	MIN BEND RADIUS (PULL)
		(AWG/kcmil)	(in/mm)	(lbs/1000ft) (kg/km)	(lb/kg)	(in/mm)
2C031U160100300	1	16	0.365 / 9.3	72 / 107	62 / 28	6.6 / 167
2C032U160200300	2	16	0.615 / 15.6	179 / 267	124 / 56	11.1 / 281
2C032U160400300	4	16	0.718 / 18.2	261 / 388	247 / 112	12.9 / 328
2C032U160600300	6	16	0.903 / 22.9	409 / 609	371 / 168	16.3 / 413
2C032U160800300	8	16	0.978 / 24.8	503 / 749	494 / 224	17.6 / 447
2C032U161200300	12	16	1.188 / 30.2	713 / 1060	742 / 336	21.4 / 543
2C032U161600300	16	16	1.326 / 33.7	897 / 1335	989 / 449	23.9 / 606
2C032U162400300	24	16	1.651 / 41.9	1305 / 1941	1483 / 673	29.7 / 755
2C031U180100300	1	18	0.339 / 8.6	57 / 85	39 / 18	6.1 / 155
2C032U180200300	2	18	0.568 / 14.4	145 / 215	78 / 35	10.2 / 260
2C032U180400300	4	18	0.661 / 16.8	203 / 302	156 / 71	11.9 / 302
2C032U180600300	6	18	0.791 / 20.1	289 / 430	234 / 106	14.2 / 362
2C032U180800300	8	18	0.899 / 22.8	389 / 579	312 / 142	16.2 / 411
2C032U181200300	12	18	1.089 / 27.7	547 / 814	468 / 212	19.6 / 498
2C032U181800300	18	18	1.281 / 32.5	754 / 1123	702 / 318	23.1 / 586
2C032U182400300	24	18	1.506 / 38.2	977 / 1453	936 / 425	27.1 / 688



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