

**UL Instrumentation Cable**

300V Power-Limited Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | No. of Pairs | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|--------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |              |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**22 AWG Pairs** Stranded (7x30) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC Insulation • Chrome PVC Jacket**

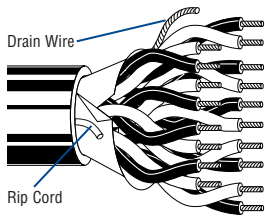
|                                                                       |             |   |    |                 |                  |              |            |             |      |      |    |    |      |       |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|------------------|--------------|------------|-------------|------|------|----|----|------|-------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9407</b> | 1 | E2 | U-500<br>U-1000 | 152.4<br>U-304.8 | 10.0<br>19.0 | 4.3<br>8.2 | .037<br>.94 | .198 | 5.03 | 19 | 84 | 2.00 | 50.80 |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|------------------|--------------|------------|-------------|------|------|----|----|------|-------|



Rip Cord

**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

|                                                                       |             |    |    |                 |                  |                |               |              |      |       |     |      |      |        |
|-----------------------------------------------------------------------|-------------|----|----|-----------------|------------------|----------------|---------------|--------------|------|-------|-----|------|------|--------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9322</b> | 1  | E2 | U-500<br>U-1000 | 152.4<br>U-304.8 | 11.0<br>22.0   | 5.0<br>10.0   | .037<br>.94  | .201 | 5.10  | 28  | 124  | 2.00 | 50.80  |
|                                                                       | <b>9512</b> | 2  | E2 | 500<br>1000     | 152.4<br>304.8   | 22.0<br>42.0   | 10.0<br>19.1  | .042<br>1.07 | .310 | 7.82  | 46  | 204  | 3.00 | 76.20  |
|                                                                       | <b>9513</b> | 3  | E2 | 500<br>1000     | 152.4<br>304.8   | 26.5<br>51.0   | 11.6<br>23.2  | .042<br>1.07 | .324 | 8.23  | 63  | 280  | 3.25 | 82.55  |
|                                                                       | <b>9514</b> | 4  | E2 | 500<br>1000     | 152.4<br>304.8   | 33.0<br>67.0   | 14.8<br>30.5  | .042<br>1.07 | .356 | 9.04  | 80  | 355  | 3.50 | 88.90  |
|                                                                       | <b>9516</b> | 6  | E2 | 500<br>1000     | 152.4<br>304.8   | 45.0<br>89.0   | 20.4<br>40.4  | .053<br>1.35 | .418 | 10.62 | 118 | 524  | 4.25 | 107.95 |
|                                                                       | <b>9520</b> | 9  | E2 | 500<br>1000     | 152.4<br>304.8   | 64.5<br>121.0  | 29.3<br>55.0  | .053<br>1.35 | .482 | 12.29 | 172 | 765  | 4.75 | 120.65 |
|                                                                       | <b>9521</b> | 11 | E2 | 500<br>1000     | 152.4<br>304.8   | 73.0<br>147.0  | 32.7<br>66.4  | .053<br>1.35 | .506 | 12.85 | 200 | 889  | 5.35 | 135.89 |
|                                                                       | <b>9524</b> | 15 | E2 | 500<br>1000     | 152.4<br>304.8   | 89.5<br>178.0  | 40.7<br>80.9  | .053<br>1.35 | .594 | 15.09 | 280 | 1245 | 6.00 | 152.40 |
|                                                                       | <b>9526</b> | 19 | E2 | 500<br>1000     | 152.4<br>304.8   | 114.5<br>224.0 | 52.0<br>101.8 | .063<br>1.60 | .644 | 16.36 | 350 | 1557 | 6.33 | 160.78 |
|                                                                       | <b>9527</b> | 27 | E2 | 500<br>1000†    | 152.4<br>304.8   | 156.5<br>321.0 | 71.1<br>145.9 | .063<br>1.60 | .763 | 19.38 | 500 | 2224 | 7.50 | 190.50 |



Rip Cord

**22 AWG Pairs** Stranded (7x30) Bare Copper Conductors\* • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC Insulation • PVC Jacket (Black or Chrome)**

|                                                                       |                |    |    |        |      |   |   |      |      |       |       |     |      |      |        |
|-----------------------------------------------------------------------|----------------|----|----|--------|------|---|---|------|------|-------|-------|-----|------|------|--------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>3000A**</b> | 2  | E1 | Bulk†† | Bulk | — | — | .043 | 1.09 | .310  | 7.87  | 46  | 204  | 3.00 | 76.20  |
|                                                                       | <b>3004A**</b> | 4  | E1 | Bulk†† | Bulk | — | — | .042 | 1.07 | .357  | 9.01  | 80  | 355  | 3.50 | 88.90  |
|                                                                       | <b>3006A**</b> | 8  | E1 | Bulk†† | Bulk | — | — | .053 | 1.35 | .450  | 11.43 | 172 | 765  | 4.75 | 120.65 |
|                                                                       | <b>3008A**</b> | 12 | E1 | Bulk†† | Bulk | — | — | .053 | 1.35 | .536  | 13.61 | 210 | 934  | 5.00 | 127.00 |
|                                                                       | <b>3010A**</b> | 16 | E1 | Bulk†† | Bulk | — | — | .053 | 1.35 | .594  | 15.09 | 290 | 1290 | 6.00 | 152.40 |
|                                                                       | <b>3012A**</b> | 24 | E1 | Bulk†† | Bulk | — | — | .065 | 1.65 | .749  | 19.02 | 440 | 1957 | 7.50 | 190.50 |
|                                                                       | <b>3014A**</b> | 50 | E1 | Bulk†† | Bulk | — | — | .075 | 1.91 | 1.017 | 25.80 | 915 | 4070 | 9.50 | 241.30 |

PVC = Polyvinyl Chloride

\*For tinned copper conductors, order with B suffix.

\*\*For Exposed Run rated cable (3000 series only), order with E suffix, e.g. 3000AE.

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

E1, E2 = Refer to Industrial Technical Information section for color code.  
Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

**UL Instrumentation Cable**

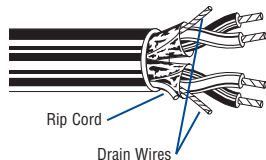
300V Power-Limited Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

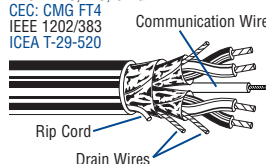
| Description | Part No. | No. of Pairs/Triads | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|---------------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |                     |            | ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**22 AWG Pairs Stranded (7x30) Tinned Copper Conductors • Twisted Pairs**

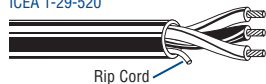
| Individually Shielded • PVC Insulation • Chrome PVC Jacket            |      |    |    |      |       |       |       |      |      |      |       |     |      |      |        |
|-----------------------------------------------------------------------|------|----|----|------|-------|-------|-------|------|------|------|-------|-----|------|------|--------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | 9328 | 2  | E2 | 500  | 152.4 | 23.5  | 10.2  | .042 | 1.07 | .323 | 8.20  | 54  | 240  | 3.00 | 76.20  |
|                                                                       |      |    |    | 1000 | 304.8 | 46.0  | 20.9  |      |      |      |       |     |      |      |        |
|                                                                       | 9329 | 3  | E2 | 500  | 152.4 | 29.5  | 13.4  | .042 | 1.07 | .341 | 8.66  | 54  | 240  | 3.50 | 88.90  |
|                                                                       |      |    |    | 1000 | 304.8 | 60.0  | 27.3  |      |      |      |       |     |      |      |        |
|                                                                       | 9330 | 4  | E2 | 500  | 152.4 | 39.0  | 17.7  | .042 | 1.07 | .372 | 9.45  | 110 | 489  | 3.50 | 88.90  |
|                                                                       |      |    |    | 1000 | 304.8 | 75.0  | 34.0  |      |      |      |       |     |      |      |        |
|                                                                       | 9331 | 6  | E2 | 500  | 152.4 | 55.0  | 24.5  | .053 | 1.35 | .457 | 11.61 | 101 | 449  | 4.33 | 109.98 |
|                                                                       |      |    |    | 1000 | 304.8 | 111.0 | 50.4  |      |      |      |       |     |      |      |        |
|                                                                       | 9332 | 9  | E2 | 500  | 152.4 | 75.0  | 34.1  | .053 | 1.35 | .530 | 13.46 | 160 | 711  | 5.00 | 127.00 |
|                                                                       |      |    |    | 1000 | 304.8 | 145.0 | 65.9  |      |      |      |       |     |      |      |        |
|                                                                       | 9333 | 11 | E2 | 500  | 152.4 | 89.0  | 40.5  | .053 | 1.35 | .592 | 15.04 | 160 | 711  | 5.50 | 139.70 |
|                                                                       |      |    |    | 1000 | 304.8 | 177.0 | 80.5  |      |      |      |       |     |      |      |        |
|                                                                       | 9335 | 19 | E2 | 500  | 152.4 | 141.5 | 64.3  | .063 | 1.60 | .711 | 18.06 | 264 | 1174 | 6.50 | 165.10 |
|                                                                       |      |    |    | 1000 | 304.8 | 287.0 | 130.5 |      |      |      |       |     |      |      |        |

**22 AWG Pairs Stranded (7x30) Bare Copper Conductors\* • Twisted Pairs**

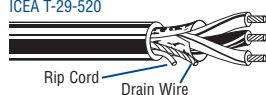
| Individually Shielded + Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • PVC Jacket (Black or Chrome) |                    |    |    |                    |      |   |   |      |      |       |       |      |      |       |        |
|------------------------------------------------------------------------------------------------------------------|--------------------|----|----|--------------------|------|---|---|------|------|-------|-------|------|------|-------|--------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520                                            | 3001A <sup>†</sup> | 2  | E1 | Bulk <sup>††</sup> | Bulk | — | — | .042 | 1.07 | .324  | 8.23  | 54   | 240  | 3.25  | 82.55  |
|                                                                                                                  | 3005A <sup>†</sup> | 4  | E1 | Bulk <sup>††</sup> | Bulk | — | — | .043 | 1.09 | .360  | 9.14  | 115  | 511  | 3.50  | 88.90  |
|                                                                                                                  | 3007A <sup>†</sup> | 8  | E1 | Bulk <sup>††</sup> | Bulk | — | — | .053 | 1.35 | .497  | 12.62 | 250  | 1112 | 5.25  | 133.35 |
|                                                                                                                  | 3009A <sup>†</sup> | 12 | E1 | Bulk <sup>††</sup> | Bulk | — | — | .053 | 1.35 | .570  | 14.48 | 300  | 1334 | 5.75  | 146.05 |
|                                                                                                                  | 3011A <sup>†</sup> | 16 | E1 | Bulk <sup>††</sup> | Bulk | — | — | .064 | 1.63 | .674  | 17.12 | 350  | 1557 | 6.25  | 158.75 |
|                                                                                                                  | 3013A <sup>†</sup> | 24 | E1 | Bulk <sup>††</sup> | Bulk | — | — | .065 | 1.65 | .800  | 20.32 | 540  | 2402 | 8.00  | 203.20 |
|                                                                                                                  | 3015A <sup>†</sup> | 50 | E1 | Bulk <sup>††</sup> | Bulk | — | — | .075 | 1.91 | 1.050 | 26.67 | 1330 | 5916 | 10.50 | 266.70 |

**22 AWG Triads Stranded (7x30) Tinned Copper Conductors • Twisted Triads**

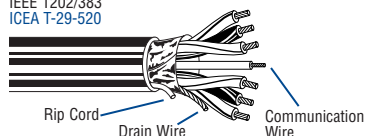
| Unshielded • PVC Insulation • Chrome PVC Jacket                       |      |   |    |        |         |      |      |      |     |      |      |    |     |      |       |
|-----------------------------------------------------------------------|------|---|----|--------|---------|------|------|------|-----|------|------|----|-----|------|-------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | 9491 | 1 | E1 | U-500  | U-152.4 | 12.5 | 5.7  | .037 | .94 | .208 | 5.28 | 29 | 129 | 2.00 | 50.80 |
|                                                                       |      |   |    | U-1000 | U-304.8 | 23.0 | 10.4 |      |     |      |      |    |     |      |       |



| Overall Beldfoil Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket |      |   |    |        |         |      |      |      |     |      |      |    |     |      |       |
|------------------------------------------------------------------------------|------|---|----|--------|---------|------|------|------|-----|------|------|----|-----|------|-------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520        | 9363 | 1 | E1 | U-500  | U-152.4 | 13.5 | 6.1  | .037 | .94 | .208 | 5.28 | 29 | 129 | 2.00 | 50.80 |
|                                                                              |      |   |    | U-1000 | U-304.8 | 26.0 | 11.8 |      |     |      |      |    |     |      |       |

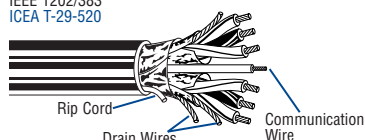
**22 AWG Triads Stranded (7x30) Bare Copper Conductors\* • Twisted Triads**

| Overall Beldfoil Shield (100% Coverage) • PVC Insulation • PVC Jacket (Black or Chrome) |       |   |    |                    |      |   |   |      |      |      |      |    |     |      |       |
|-----------------------------------------------------------------------------------------|-------|---|----|--------------------|------|---|---|------|------|------|------|----|-----|------|-------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520                   | 3002A | 2 | E1 | Bulk <sup>††</sup> | Bulk | — | — | .043 | 1.09 | .330 | 8.38 | 62 | 275 | 3.50 | 88.90 |
|                                                                                         |       |   |    |                    |      |   |   |      |      |      |      |    |     |      |       |



For Exposed Run rated cable, order 3002AE

| Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC Insulation • PVC Jacket (Black or Chrome) |       |   |    |                    |      |   |   |      |      |      |      |    |     |      |       |
|-----------------------------------------------------------------------------------------------------------------|-------|---|----|--------------------|------|---|---|------|------|------|------|----|-----|------|-------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520                                           | 3003A | 2 | E1 | Bulk <sup>††</sup> | Bulk | — | — | .043 | 1.09 | .330 | 8.38 | 82 | 364 | 3.25 | 82.55 |
|                                                                                                                 |       |   |    |                    |      |   |   |      |      |      |      |    |     |      |       |



For Exposed Run rated cable, order 3003AE

\*For tinned copper conductors, order with B suffix.

†For Exposed Run rated 3000 series cables, order with "E" suffix, e.g. 3001AE.

E1, E2 = Refer to Technical Information section for color code. Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

††Bulk = Check length available for specific construction.

**BELDEN**

For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

**UL Instrumentation Cable****300V Power-Limited Tray Cables****Industrial Grade Sunlight- and Oil-Resistant Jackets**

| Description | Part No. | No. of Pairs | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|--------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |              |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**20 AWG Pairs** Stranded (19x32) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC Insulation • Chrome PVC Jacket**

|                                                                       |             |   |    |                 |                    |              |             |             |              |           |               |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9408</b> | 1 | E2 | U-500<br>U-1000 | U-152.4<br>U-304.8 | 12.0<br>23.0 | 5.5<br>10.4 | .037<br>.94 | .214<br>5.44 | 31<br>138 | 2.00<br>50.80 |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|



Rip Cord

**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

|                                                                       |             |   |    |                 |                    |              |             |             |              |           |               |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9320</b> | 1 | E2 | U-500<br>U-1000 | U-152.4<br>U-304.8 | 14.5<br>28.0 | 6.6<br>12.7 | .037<br>.94 | .217<br>5.51 | 40<br>178 | 2.00<br>50.80 |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|

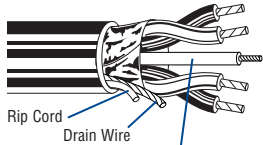


Rip Cord

Drain Wire

**20 AWG Pairs** Stranded (7x28) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                       |              |    |    |                 |                 |               |               |              |                |              |                 |
|-----------------------------------------------------------------------|--------------|----|----|-----------------|-----------------|---------------|---------------|--------------|----------------|--------------|-----------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>1033A</b> | 1  | E1 | 1000<br>10000 † | 304.8<br>3048.0 | 30.0<br>270.0 | 13.6<br>122.5 | .037<br>.94  | .213<br>5.41   | 42<br>187    | 2.25<br>57.15   |
|                                                                       | <b>3016A</b> | 2  | E1 | Bulk ††         | Bulk            | —             | —             | .042<br>1.07 | .332<br>8.43   | 92<br>409    | 3.75<br>95.25   |
|                                                                       | <b>1056A</b> | 4  | E1 | 10000 †         | 3048.0          | 820.0         | 372.0         | .053<br>1.35 | .408<br>10.36  | 135<br>601   | 4.25<br>107.95  |
|                                                                       | <b>1057A</b> | 8  | E1 | 10000 †         | 3048.0          | 1410.0        | 640.2         | .053<br>1.35 | .472<br>11.99  | 247<br>1099  | 5.00<br>127.00  |
|                                                                       | <b>1058A</b> | 12 | E1 | 7500 †          | 2286.0          | 1455.0        | 660.0         | .053<br>1.35 | .564<br>14.33  | 359<br>1597  | 6.00<br>152.40  |
|                                                                       | <b>1059A</b> | 16 | E1 | 5000 †          | 1524.0          | 1275.0        | 578.9         | .064<br>1.63 | .649<br>16.48  | 232<br>1032  | 6.50<br>165.10  |
|                                                                       | <b>1060A</b> | 24 | E1 | 5000 †          | 1524.0          | 1735.0        | 787.7         | .064<br>1.63 | .786<br>19.96  | 695<br>3092  | 8.25<br>209.55  |
|                                                                       | <b>1061A</b> | 36 | E1 | 2500 †          | 762.0           | 1300.0        | 590.2         | .074<br>1.88 | .960<br>24.38  | 1031<br>4587 | 10.00<br>254.00 |
|                                                                       | <b>1062A</b> | 50 | E1 | 2500 †          | 762.0           | 1825.0        | 827.8         | .074<br>1.88 | 1.117<br>28.37 | 1423<br>6330 | 11.50<br>292.10 |



Rip Cord

Drain Wire

Communication Wire

**Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC Insulation • Black PVC Jacket** (Other options below)

|                                                                       |              |    |    |         |        |        |       |              |                |              |                 |
|-----------------------------------------------------------------------|--------------|----|----|---------|--------|--------|-------|--------------|----------------|--------------|-----------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>1075A</b> | 2  | E1 | 10000 † | 3048.0 | 650.0  | 294.8 | .042<br>1.07 | .337<br>8.56   | 97<br>432    | 3.75<br>95.25   |
|                                                                       | <b>1076A</b> | 4  | E1 | 7500 †  | 2286.0 | 787.5  | 357.5 | .053<br>1.35 | .411<br>10.44  | 171<br>761   | 4.50<br>114.30  |
|                                                                       | <b>1077A</b> | 8  | E1 | 7500 †  | 2286.0 | 1297.5 | 588.6 | .053<br>1.35 | .514<br>13.06  | 320<br>1424  | 5.50<br>139.70  |
|                                                                       | <b>1078A</b> | 12 | E1 | 7500 †  | 2286.0 | 1942.5 | 881.1 | .064<br>1.63 | .637<br>16.18  | 468<br>2082  | 6.75<br>171.45  |
|                                                                       | <b>1079A</b> | 16 | E1 | 5000 †  | 1524.0 | 1555.0 | 705.4 | .064<br>1.63 | .704<br>17.88  | 617<br>2745  | 7.50<br>190.50  |
|                                                                       | <b>1091A</b> | 20 | E1 | Bulk †† | Bulk   | —      | —     | .064<br>1.63 | .780<br>19.81  | 765<br>3403  | 8.25<br>209.55  |
|                                                                       | <b>1080A</b> | 24 | E1 | 2500 †  | 762.0  | 1142.5 | 518.2 | .074<br>1.88 | .863<br>21.92  | 914<br>4066  | 9.00<br>228.60  |
|                                                                       | <b>1081A</b> | 36 | E1 | 2000 †  | 609.6  | 1436.0 | 651.9 | .074<br>1.88 | 1.035<br>26.29 | 1359<br>6046 | 10.50<br>266.70 |
|                                                                       | <b>1082A</b> | 50 | E1 | 2000 †  | 609.6  | 1858.0 | 843.5 | .074<br>1.88 | 1.215<br>30.86 | 1878<br>8355 | 12.75<br>323.85 |

F-R = Flame-retardant

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

E1, E2 = Refer to Technical Information section for color code.

Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

**Conductor, Insulation and Jacket Options\*\***

| To Specify:         |                                                                       |                                       | Bare     | Tinned   | Insulation/Jacket |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|----------|----------|-------------------|
| <b>1234</b>         | <b>A</b>                                                              | <b>E</b>                              | <b>A</b> | <b>B</b> | PVC/PVC           |
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired | <b>C</b> | <b>D</b> | XLPE/PVC          |
|                     |                                                                       |                                       | <b>K</b> | <b>L</b> | TPE/TPE           |
|                     |                                                                       |                                       | <b>Q</b> | <b>R</b> | XLPE/CPE          |
|                     |                                                                       |                                       | <b>S</b> | <b>T</b> | XLPE/Haloarrest®  |

\*\*For 1000 and 3000 Series cables only.

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**UL Instrumentation Cable**

300V Power-Limited Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | No. of Pairs | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|--------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |              |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**18 AWG Pairs** Stranded (19x30) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC Insulation • Chrome PVC Jacket**

NEC: PLTC, ITC, CMG  
CEC: CMG FT4  
IEEE 1202/383  
ICEA T-29-520

|             |   |    |        |         |      |      |      |     |      |      |    |     |      |       |
|-------------|---|----|--------|---------|------|------|------|-----|------|------|----|-----|------|-------|
| <b>9409</b> | 1 | E2 | U-500  | U-152.4 | 15.0 | 6.8  | .037 | .94 | .230 | 5.84 | 49 | 218 | 2.25 | 57.15 |
|             |   |    | U-1000 | U-304.8 | 28.0 | 12.7 |      |     |      |      |    |     |      |       |

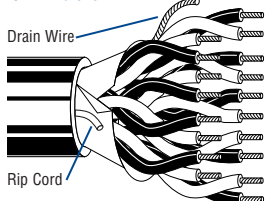


Rip Cord

**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

NEC: PLTC, ITC, CMG  
CEC: CMG FT4  
IEEE 1202/383  
ICEA T-29-520

|             |    |    |        |         |       |       |      |      |      |       |     |      |      |        |
|-------------|----|----|--------|---------|-------|-------|------|------|------|-------|-----|------|------|--------|
| <b>9318</b> | 1  | E2 | U-500  | U-152.4 | 17.5  | 7.9   | .037 | .94  | .233 | 5.92  | 60  | 267  | 2.25 | 57.15  |
|             |    |    | U-1000 | U-304.8 | 33.0  | 15.0  |      |      |      |       |     |      |      |        |
| <b>9552</b> | 2  | E2 | 500    | 152.4   | 35.5  | 16.1  | .042 | 1.07 | .368 | 9.34  | 65  | 289  | 3.70 | 93.98  |
|             |    |    | 1000   | 304.8   | 69.0  | 31.4  |      |      |      |       |     |      |      |        |
| <b>9553</b> | 3  | E2 | 500    | 152.4   | 49.5  | 22.0  | .053 | 1.35 | .411 | 10.44 | 145 | 645  | 4.10 | 104.14 |
|             |    |    | 1000   | 304.8   | 98.0  | 49.4  |      |      |      |       |     |      |      |        |
| <b>9554</b> | 4  | E2 | 500    | 152.4   | 57.0  | 25.8  | .053 | 1.35 | .447 | 11.35 | 187 | 832  | 4.50 | 114.30 |
|             |    |    | 1000   | 304.8   | 112.0 | 50.8  |      |      |      |       |     |      |      |        |
| <b>9556</b> | 6  | E2 | 500    | 152.4   | 78.5  | 35.7  | .053 | 1.35 | .497 | 12.62 | 270 | 1201 | 5.00 | 127.00 |
|             |    |    | 1000   | 304.8   | 153.0 | 69.5  |      |      |      |       |     |      |      |        |
| <b>9559</b> | 9  | E2 | 500    | 152.4   | 108.0 | 49.0  | .053 | 1.35 | .579 | 14.71 | 395 | 1757 | 5.80 | 147.32 |
|             |    |    | 1000   | 304.8   | 215.0 | 97.6  |      |      |      |       |     |      |      |        |
| <b>9563</b> | 11 | E2 | 500    | 152.4   | 133.0 | 60.4  | .063 | 1.60 | .665 | 16.89 | 478 | 2126 | 6.75 | 171.45 |
|             |    |    | 1000   | 304.8   | 270.0 | 122.5 |      |      |      |       |     |      |      |        |
| <b>9565</b> | 15 | E2 | 500    | 152.4   | 169.0 | 76.8  | .063 | 1.60 | .739 | 18.77 | 640 | 2847 | 7.50 | 190.50 |
|             |    |    | 1000   | 304.8   | 342.0 | 155.5 |      |      |      |       |     |      |      |        |



Rip Cord

**Individually Shielded (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

NEC: PLTC, ITC, CMG  
CEC: CMG FT4  
IEEE 1202/383  
ICEA T-29-520

|              |    |    |        |       |       |       |      |      |      |       |      |      |      |        |
|--------------|----|----|--------|-------|-------|-------|------|------|------|-------|------|------|------|--------|
| <b>9368</b>  | 2  | E2 | 500    | 152.4 | 37.5  | 17.0  | .042 | 1.07 | .378 | 9.60  | 125  | 556  | 3.75 | 95.25  |
|              |    |    | 1000   | 304.8 | 73.0  | 33.2  |      |      |      |       |      |      |      |        |
| <b>9369</b>  | 3  | E2 | 500    | 152.4 | 55.0  | 25.0  | .053 | 1.35 | .423 | 10.74 | 220  | 979  | 4.25 | 107.95 |
|              |    |    | 1000   | 304.8 | 109.0 | 49.5  |      |      |      |       |      |      |      |        |
| <b>3029A</b> | 4  | E1 | Bulk † | Bulk  | —     | —     | .053 | 1.35 | .461 | 11.71 | 296  | 1317 | 4.50 | 114.30 |
| <b>9388</b>  | 4  | E2 | 500    | 152.4 | 71.5  | 32.5  | .053 | 1.35 | .461 | 11.71 | 296  | 1317 | 4.60 | 116.84 |
|              |    |    | 1000   | 304.8 | 135.0 | 61.4  |      |      |      |       |      |      |      |        |
| <b>9389</b>  | 6  | E2 | 500    | 152.4 | 97.0  | 44.1  | .053 | 1.35 | .538 | 13.67 | 440  | 1957 | 5.25 | 133.35 |
|              |    |    | 1000   | 304.8 | 190.0 | 86.4  |      |      |      |       |      |      |      |        |
| <b>9390</b>  | 9  | E2 | 500    | 152.4 | 137.5 | 63.0  | .064 | 1.63 | .652 | 16.56 | 666  | 2963 | 6.50 | 165.10 |
|              |    |    | 1000   | 304.8 | 270.0 | 123.6 |      |      |      |       |      |      |      |        |
| <b>9391</b>  | 11 | E2 | 500    | 152.4 | 158.5 | 72.0  | .064 | 1.63 | .729 | 18.52 | 815  | 3626 | 7.25 | 184.15 |
|              |    |    | 1000   | 304.8 | 321.0 | 145.9 |      |      |      |       |      |      |      |        |
| <b>9392</b>  | 15 | E2 | 500    | 152.4 | 209.0 | 95.0  | .064 | 1.63 | .808 | 20.52 | 1100 | 4893 | 8.00 | 203.20 |
|              |    |    | 1000   | 304.8 | 428.0 | 194.5 |      |      |      |       |      |      |      |        |

E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

†Bulk = Check length available for specific construction.

**Conductor, Insulation and Jacket Options\*\***

| To Specify:         |                                                                       |                                       | Bare     | Tinned   | Insulation/Jacket |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|----------|----------|-------------------|
| <b>1234</b>         | <b>A</b>                                                              | <b>E</b>                              | <b>A</b> | <b>B</b> | PVC/PVC           |
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired | <b>C</b> | <b>D</b> | XLPE/PVC          |
|                     |                                                                       |                                       | <b>K</b> | <b>L</b> | TPE/TPE           |
|                     |                                                                       |                                       | <b>Q</b> | <b>R</b> | XLPE/CPE          |
|                     |                                                                       |                                       | <b>S</b> | <b>T</b> | XLPE/Haloarrest®  |

\*\*For 1000 and 3000 Series cables only.

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**UL Instrumentation Cable**

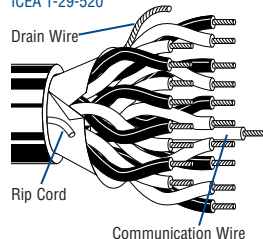
300V Power-Limited Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | No. of Pairs | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|--------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |              |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**18 AWG Pairs** Stranded (7x26) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Black PVC Jacket** (See chart below for other options)

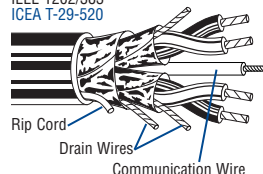
NEC: PLTC, ITC, CMG  
CEC: CMG FT4  
IEEE 1202/383  
ICEA T-29-520



|              |    |    |         |        |        |       |      |      |       |       |      |       |       |        |
|--------------|----|----|---------|--------|--------|-------|------|------|-------|-------|------|-------|-------|--------|
| <b>1032A</b> | 1  | E1 | 1000    | 304.8  | 38.0   | 17.2  | .037 | .94  | .233  | 5.92  | 67   | 298   | 2.50  | 63.50  |
|              |    |    | 10000 † | 3048.0 | 380.0  | 172.5 |      |      |       |       |      |       |       |        |
| <b>3025A</b> | 2  | E1 | 10000 † | 3048.0 | 760.0  | 344.7 | .042 | 1.07 | .375  | 9.53  | 121  | 538   | 3.50  | 88.90  |
| <b>1529A</b> | 3  | E1 | 7500 †  | 2286.0 | 735.0  | 333.4 | .053 | 1.35 | .415  | 10.54 | 165  | 734   | 4.25  | 107.95 |
| <b>1466A</b> | 4  | E1 | 7500 †  | 2286.0 | 892.5  | 404.8 | .053 | 1.35 | .452  | 11.48 | 211  | 939   | 4.50  | 114.30 |
| <b>1467A</b> | 8  | E1 | 7500 †  | 2286.0 | 1477.5 | 670.8 | .053 | 1.35 | .523  | 13.28 | 390  | 1735  | 5.50  | 139.70 |
| <b>1468A</b> | 12 | E1 | 5000 †  | 1524.0 | 1375.0 | 624.3 | .064 | 1.63 | .673  | 17.09 | 560  | 2491  | 6.75  | 171.45 |
| <b>3034A</b> | 16 | E1 | Bulk †† | Bulk   | —      | —     | .066 | 1.68 | .713  | 18.11 | 640  | 2847  | 7.25  | 184.15 |
| <b>1471A</b> | 24 | E1 | 2500 †  | 762.0  | 1292.5 | 586.3 | .074 | 1.88 | .932  | 23.67 | 1105 | 4916  | 9.25  | 234.95 |
| <b>1472A</b> | 36 | E1 | 1250 †  | 381.0  | 910.0  | 413.1 | .074 | 1.88 | 1.062 | 26.97 | 1644 | 7313  | 10.50 | 266.70 |
| <b>3041A</b> | 50 | E1 | Bulk †† | Bulk   | —      | —     | .074 | 1.88 | 1.240 | 31.50 | 2240 | 10049 | 12.75 | 323.85 |

**Individually Shielded + Overall Beldfoil (100% Coverage) • PVC Insulation • Black PVC Jacket** (Other options below)

NEC: PLTC, ITC, CMG  
CEC: CMG FT4  
IEEE 1202/383  
ICEA T-29-520



|              |    |    |         |        |        |        |      |      |       |       |      |       |       |        |
|--------------|----|----|---------|--------|--------|--------|------|------|-------|-------|------|-------|-------|--------|
| <b>1474A</b> | 2  | E1 | 7500 †  | 2286.0 | 720.0  | 326.9  | .053 | 1.35 | .408  | 10.16 | 149  | 663   | 4.00  | 101.60 |
| <b>1475A</b> | 4  | E1 | 7500 †  | 2286.0 | 1065.0 | 483.1  | .053 | 1.35 | .468  | 11.89 | 267  | 1188  | 4.75  | 120.65 |
| <b>1476A</b> | 8  | E1 | 5000 †  | 1524.0 | 1185.0 | 538.0  | .053 | 1.35 | .594  | 15.10 | 501  | 2229  | 6.00  | 152.40 |
| <b>1477A</b> | 12 | E1 | 5000 †  | 1524.0 | 1740.0 | 789.3  | .064 | 1.63 | .737  | 18.72 | 779  | 3465  | 7.25  | 184.15 |
| <b>3035A</b> | 16 | E1 | Bulk †† | Bulk   | —      | —      | .064 | 1.63 | .836  | 21.20 | 725  | 3225  | 8.50  | 215.90 |
| <b>1480A</b> | 24 | E1 | 2500 †  | 762.0  | 1712.5 | 777.5  | .074 | 1.88 | 1.019 | 25.88 | 1443 | 6419  | 10.25 | 260.35 |
|              |    |    | 5000 †  | 1524.0 | 3390.0 | 1539.1 |      |      |       |       |      |       |       |        |
| <b>1481A</b> | 36 | E1 | Bulk †† | Bulk   | —      | —      | .074 | 1.88 | 1.163 | 29.54 | 2148 | 9556  | 11.75 | 298.45 |
| <b>3042A</b> | 50 | E1 | Bulk †† | Bulk   | —      | —      | .084 | 2.13 | 1.389 | 35.28 | 2935 | 13057 | 14.00 | 355.60 |

E1 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

**Conductor, Insulation and Jacket Options\*\***

| To Specify:         |                                                                       |                                       | Bare     | Tinned   | Insulation/Jacket |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|----------|----------|-------------------|
| <b>1234</b>         | <b>A</b>                                                              | <b>E</b>                              | <b>A</b> | <b>B</b> | PVC/PVC           |
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired | <b>C</b> | <b>D</b> | XLPE/PVC          |
|                     |                                                                       |                                       | <b>K</b> | <b>L</b> | TPE/TPE           |
|                     |                                                                       |                                       | <b>Q</b> | <b>R</b> | XLPE/CPE          |
|                     |                                                                       |                                       | <b>S</b> | <b>T</b> | XLPE/Haloarrest®  |

\*\*For 1000 and 3000 Series cables only.

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**UL Instrumentation Cable**

300V Power-Limited Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | No. of Pairs | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|--------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |              |            | ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**16 AWG Pairs** Stranded (19x29) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC Insulation • Chrome PVC Jacket**

|                                                                       |             |   |    |                 |                    |              |             |             |              |           |               |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9410</b> | 1 | E2 | U-500<br>U-1000 | U-152.4<br>U-304.8 | 18.5<br>36.0 | 8.4<br>16.3 | .037<br>.94 | .254<br>6.45 | 78<br>347 | 2.50<br>63.50 |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|



Rip Cord

**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

|                                                                       |             |   |    |                 |                    |              |             |             |              |           |               |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9316</b> | 1 | E2 | U-500<br>U-1000 | U-152.4<br>U-304.8 | 21.5<br>41.0 | 9.8<br>18.6 | .037<br>.94 | .256<br>6.50 | 90<br>400 | 2.50<br>63.50 |
|-----------------------------------------------------------------------|-------------|---|----|-----------------|--------------------|--------------|-------------|-------------|--------------|-----------|---------------|



Rip Cord

Drain Wire

**16 AWG Pairs** Stranded (7x24) Bare Copper Conductors • Twisted Pairs**Unshielded • PVC Insulation • Black PVC Jacket** (See chart below for other insulation and jacket options)

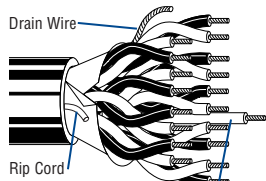
|                                                                       |              |   |    |                 |                 |               |               |             |              |           |               |
|-----------------------------------------------------------------------|--------------|---|----|-----------------|-----------------|---------------|---------------|-------------|--------------|-----------|---------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>1035A</b> | 1 | E1 | 1000<br>10000 † | 304.8<br>3048.0 | 40.0<br>400.0 | 18.1<br>181.4 | .037<br>.94 | .254<br>6.45 | 71<br>318 | 2.50<br>63.50 |
|-----------------------------------------------------------------------|--------------|---|----|-----------------|-----------------|---------------|---------------|-------------|--------------|-----------|---------------|



Rip Cord

**Overall Beldfoil Shield (100% Coverage) • PVC Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                       |              |    |    |                 |                 |               |               |              |                |               |                 |
|-----------------------------------------------------------------------|--------------|----|----|-----------------|-----------------|---------------|---------------|--------------|----------------|---------------|-----------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>1030A</b> | 1  | E1 | 1000<br>10000 † | 304.8<br>3048.0 | 46.0<br>480.0 | 20.9<br>217.7 | .037<br>.94  | .257<br>6.53   | 94<br>418     | 2.50<br>63.50   |
|                                                                       | <b>3043A</b> | 2  | E1 | Bulk ††         | Bulk            | —             | —             | .053<br>1.35 | .437<br>11.10  | 83<br>369     | 4.50<br>114.30  |
|                                                                       | <b>1528A</b> | 3  | E1 | 7500 †          | 2286.0          | 967.5         | 438.9         | .053<br>1.35 | .457<br>11.61  | 250<br>1112   | 4.75<br>120.65  |
|                                                                       | <b>1484A</b> | 4  | E1 | 7500 †          | 2286.0          | 1200.0        | 544.8         | .053<br>1.35 | .495<br>12.57  | 330<br>1468   | 5.00<br>127.00  |
|                                                                       | <b>1485A</b> | 8  | E1 | 7500 †          | 2286.0          | 2010.0        | 911.7         | .053<br>1.35 | .597<br>15.16  | 616<br>2740   | 6.00<br>152.40  |
|                                                                       | <b>1486A</b> | 12 | E1 | 5000 †          | 1524.0          | 1965.0        | 892.1         | .064<br>1.63 | .741<br>18.80  | 892<br>3968   | 7.50<br>190.50  |
|                                                                       | <b>3050A</b> | 16 | E1 | Bulk ††         | Bulk            | —             | —             | .064<br>1.63 | .831<br>21.10  | 661<br>2940   | 8.50<br>215.90  |
|                                                                       | <b>1489A</b> | 24 | E1 | 1250 †          | 381.0           | 923.8         | 419.4         | .074<br>1.88 | 1.032<br>26.20 | 1749<br>7780  | 10.50<br>266.70 |
|                                                                       | <b>1490A</b> | 36 | E1 | 1250 †          | 381.0           | 1313.8        | 596.4         | .074<br>1.88 | 1.178<br>29.80 | 2606<br>11592 | 11.75<br>298.45 |
|                                                                       | <b>3056A</b> | 50 | E1 | Bulk ††         | Bulk            | —             | —             | .088<br>2.24 | 1.550<br>39.37 | 3615<br>16082 | 15.50<br>393.70 |



Rip Cord

Communication Wire

**Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC Insulation • Black PVC Jacket** (Options below)

|                                                                       |              |    |    |         |        |        |        |              |                |               |                 |
|-----------------------------------------------------------------------|--------------|----|----|---------|--------|--------|--------|--------------|----------------|---------------|-----------------|
| NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>1492A</b> | 2  | E1 | 7500 †  | 2286.0 | 885.0  | 401.8  | .053<br>1.35 | .450<br>11.43  | 232<br>1032   | 4.50<br>114.30  |
|                                                                       | <b>1493A</b> | 4  | E1 | 7500 †  | 2286.0 | 1387.5 | 629.4  | .055<br>1.40 | .512<br>13.11  | 420<br>1868   | 5.00<br>127.00  |
|                                                                       | <b>1494A</b> | 8  | E1 | 5000 †  | 1524.0 | 1640.0 | 743.9  | .066<br>1.68 | .687<br>17.50  | 795<br>3537   | 7.00<br>177.80  |
|                                                                       | <b>1495A</b> | 12 | E1 | 2500 †  | 762.0  | 1202.5 | 545.5  | .066<br>1.68 | .822<br>20.73  | 1170<br>5205  | 8.25<br>209.55  |
|                                                                       | <b>3051A</b> | 16 | E1 | Bulk †† | Bulk   | —      | —      | .074<br>1.88 | .936<br>23.77  | 661<br>2940   | 10.00<br>254.00 |
|                                                                       | <b>1498A</b> | 24 | E1 | 5000 †  | 1524.0 | 4340.0 | 1968.6 | .074<br>1.88 | 1.149<br>29.18 | 2296<br>10214 | 11.50<br>292.10 |
|                                                                       | <b>1499A</b> | 36 | E1 | Bulk †† | Bulk   | —      | —      | .084<br>2.13 | 1.334<br>33.88 | 3167<br>14088 | 13.50<br>342.90 |
|                                                                       | <b>3057A</b> | 50 | E1 | Bulk †† | Bulk   | —      | —      | .088<br>2.24 | 1.600<br>40.64 | 2066<br>9190  | 16.00<br>406.40 |

E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

**To Specify:**

|                     |                                                                       |                                       |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|
| <b>1234</b>         | <b>A</b>                                                              | <b>E</b>                              |
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired |

**Conductor, Insulation and Jacket Options\*\***

| Bare     | Tinned   | Insulation/Jacket |
|----------|----------|-------------------|
| <b>A</b> | <b>B</b> | PVC/PVC           |
| <b>C</b> | <b>D</b> | XLPE/PVC          |
| <b>K</b> | <b>L</b> | TPE/TPE           |
| <b>Q</b> | <b>R</b> | XLPE/CPE          |
| <b>S</b> | <b>T</b> | XLPE/Haloarrest®  |

\*\*For 1000 and 3000 Series cables only.

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[Belden114@CableCon.kr](mailto:Belden114@CableCon.kr) / 0707-434-7704 / Fax. 02-744-0909 / [www.CableCon.co.kr](http://www.CableCon.co.kr)

**UL Instrumentation Cable**

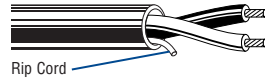
300V Power-Limited Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

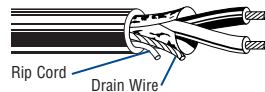
| Description | Part No. | No. of Pairs/Triads | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|---------------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |                     |            | ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**14 AWG Pairs** Stranded (42x30) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC Insulation • Chrome PVC Jacket**

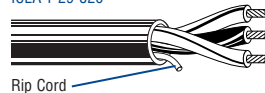
|                                                                    |             |   |    |               |                  |              |              |      |      |      |      |     |     |      |       |
|--------------------------------------------------------------------|-------------|---|----|---------------|------------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|
| NEC: PLTC, ITC, CL3R<br>CEC: FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9411</b> | 1 | E2 | U-500<br>1000 | U-152.4<br>304.8 | 28.0<br>60.0 | 12.7<br>27.3 | .042 | 1.07 | .322 | 8.18 | 124 | 552 | 3.25 | 82.55 |
|--------------------------------------------------------------------|-------------|---|----|---------------|------------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|

**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

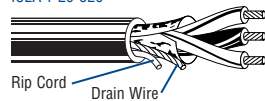
|                                                                    |             |   |    |               |                  |              |              |      |      |      |      |     |     |      |       |
|--------------------------------------------------------------------|-------------|---|----|---------------|------------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|
| NEC: PLTC, ITC, CL3R<br>CEC: FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9314</b> | 1 | E2 | U-500<br>1000 | U-152.4<br>304.8 | 32.5<br>66.0 | 14.7<br>29.9 | .042 | 1.07 | .324 | 8.23 | 140 | 623 | 3.25 | 82.55 |
|--------------------------------------------------------------------|-------------|---|----|---------------|------------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|

**14 AWG Triads** Stranded (42x30) Tinned Copper Conductors • Twisted Triads**Unshielded • PVC Insulation • Chrome PVC Jacket**

|                                                                    |             |   |    |             |                |              |              |      |      |      |      |     |     |      |       |
|--------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|
| NEC: PLTC, ITC, CL3R<br>CEC: FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9495</b> | 1 | E1 | 500<br>1000 | 152.4<br>304.8 | 43.5<br>86.0 | 19.7<br>39.0 | .042 | 1.07 | .340 | 8.64 | 186 | 827 | 3.50 | 88.90 |
|--------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|

**Overall Beldfoil Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

|                                                                    |             |   |    |             |                |              |              |      |      |      |      |     |     |      |       |
|--------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|
| NEC: PLTC, ITC, CL3R<br>CEC: FT4<br>IEEE 1202/383<br>ICEA T-29-520 | <b>9367</b> | 1 | E1 | 500<br>1000 | 152.4<br>304.8 | 43.5<br>88.0 | 19.7<br>40.0 | .042 | 1.07 | .343 | 8.71 | 188 | 836 | 3.50 | 88.90 |
|--------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|



E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

**UL Instrumentation Cable**

300V Power-Limited Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | No. of Pairs/Triads | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|---------------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |                     |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**12 AWG Pairs** Stranded (65x30) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC Insulation • Chrome PVC Jacket**

|                                            |             |   |    |      |       |      |      |      |      |      |      |     |     |      |        |
|--------------------------------------------|-------------|---|----|------|-------|------|------|------|------|------|------|-----|-----|------|--------|
| NEC: PLTC, ITC, CL3R                       | <b>9412</b> | 1 | E2 | 500  | 152.4 | 41.5 | 18.8 | .042 | 1.07 | .370 | 9.40 | 197 | 876 | 4.25 | 107.95 |
| CEC: FT4<br>IEEE 1202/383<br>ICEA T-29-520 |             |   |    | 1000 | 304.8 | 83.0 | 37.7 |      |      |      |      |     |     |      |        |



Rip Cord

**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Chrome PVC Jacket**

|                                            |             |   |    |      |       |      |      |      |      |      |      |     |      |      |        |
|--------------------------------------------|-------------|---|----|------|-------|------|------|------|------|------|------|-----|------|------|--------|
| NEC: PLTC, ITC, CL3R                       | <b>9312</b> | 1 | E2 | 500  | 152.4 | 49.0 | 22.3 | .042 | 1.07 | .373 | 9.47 | 225 | 1001 | 4.25 | 107.95 |
| CEC: FT4<br>IEEE 1202/383<br>ICEA T-29-520 |             |   |    | 1000 | 304.8 | 96.0 | 43.6 |      |      |      |      |     |      |      |        |



Rip Cord

Drain Wire

**12 AWG Triads** Stranded (7x20) Bare Copper Conductors • Twisted Triads**Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • Black PVC Jacket** (See chart below for other options)

|                                            |              |   |    |        |      |   |   |      |      |      |       |     |      |      |       |
|--------------------------------------------|--------------|---|----|--------|------|---|---|------|------|------|-------|-----|------|------|-------|
| NEC: PLTC, ITC, CL3R                       | <b>3102A</b> | 1 | E1 | Bulk † | Bulk | — | — | .053 | 1.35 | .432 | 11.00 | 315 | 1401 | 3.50 | 88.90 |
| CEC: FT4<br>IEEE 1202/383<br>ICEA T-29-520 |              |   |    |        |      |   |   |      |      |      |       |     |      |      |       |



Rip Cord

Drain Wire

E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

†Bulk = Check length available for specific construction.

**Conductor, Insulation and Jacket Options\*\***

| To Specify:         |                                                                       |                                       | Bare     | Tinned   | Insulation/Jacket |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|----------|----------|-------------------|
| <b>1234</b>         | <b>A</b>                                                              | <b>E</b>                              | <b>A</b> | <b>B</b> | PVC/PVC           |
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired | <b>C</b> | <b>D</b> | XLPE/PVC          |
|                     |                                                                       |                                       | <b>K</b> | <b>L</b> | TPE/TPE           |
|                     |                                                                       |                                       | <b>Q</b> | <b>R</b> | XLPE/CPE          |
|                     |                                                                       |                                       | <b>S</b> | <b>T</b> | XLPE/Haloarrest®  |

\*\*For 1000 and 3000 Series cables only.

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## UL Instrumentation Cable

Thermocouple Extension Cables

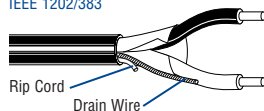
Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | ANSI Type | No. of Pairs | Color Code | Jacket Color | Standard Lengths |   | Standard Unit Weight |    | Insulation Thickness |    | Nominal OD |    |
|-------------|----------|-----------|--------------|------------|--------------|------------------|---|----------------------|----|----------------------|----|------------|----|
|             |          |           |              |            |              | Ft.              | m | Lbs.                 | kg | Inch                 | mm | Inch       | mm |

**20 AWG Pairs** Solid Conductors • (See chart on page 18.53 for conductor specifications by ANSI Type)

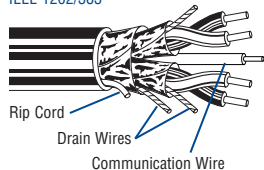
### Overall Beldfoil® Shield (100% Coverage) • PVC Insulation • PVC Jacket

|                                                                                     |              |    |   |             |        |        |        |       |      |      |     |      |      |
|-------------------------------------------------------------------------------------|--------------|----|---|-------------|--------|--------|--------|-------|------|------|-----|------|------|
| 300V 105°C<br>NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>ICEA T-29-520<br>IEEE 1202/383 | <b>3111A</b> | JX | 1 | White, Red  | Black  | 5000 † | 1524.0 | 115.0 | 52.2 | .016 | .41 | .206 | 5.23 |
|                                                                                     | <b>3112A</b> | KX | 1 | Yellow, Red | Yellow | 5000 † | 1524.0 | 120.0 | 54.5 | .016 | .41 | .206 | 5.23 |
|                                                                                     | <b>3113A</b> | TX | 1 | Blue, Red   | Blue   | 5000 † | 1524.0 | 115.0 | 52.2 | .016 | .41 | .206 | 5.23 |



### Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC Insulation • PVC Jacket

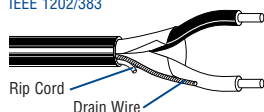
|                                                                                     |              |    |    |             |        |        |        |        |       |      |     |      |       |
|-------------------------------------------------------------------------------------|--------------|----|----|-------------|--------|--------|--------|--------|-------|------|-----|------|-------|
| 300V 105°C<br>NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>ICEA T-29-520<br>IEEE 1202/383 | <b>3115A</b> | JX | 2  | White, Red  | Black  | 5000 † | 1524.0 | 315.0  | 143.0 | .016 | .41 | .332 | 8.43  |
|                                                                                     | <b>1006A</b> | JX | 4  | White, Red  | Black  | 5000 † | 1524.0 | 480.0  | 217.9 | .016 | .41 | .383 | 9.73  |
|                                                                                     | <b>1012A</b> | KX | 4  | Yellow, Red | Yellow | 5000 † | 1524.0 | 530.0  | 240.6 | .016 | .41 | .383 | 9.73  |
|                                                                                     | <b>1013A</b> | KX | 8  | Yellow, Red | Yellow | 5000 † | 1524.0 | 825.0  | 374.6 | .016 | .41 | .503 | 12.78 |
|                                                                                     | <b>1014A</b> | KX | 12 | Yellow, Red | Yellow | 5000 † | 1524.0 | 1195.0 | 542.5 | .016 | .41 | .603 | 15.32 |



**16 AWG Pairs** Solid Conductors • (See chart on page 18.53 for conductor specifications by ANSI Type)

### Overall Beldfoil Shield (100% Coverage) • PVC Insulation • PVC Jacket

|                                                                                     |              |    |   |             |        |         |        |       |       |      |     |      |      |
|-------------------------------------------------------------------------------------|--------------|----|---|-------------|--------|---------|--------|-------|-------|------|-----|------|------|
| 300V 105°C<br>NEC: PLTC, ITC, CMG<br>CEC: CMG FT4<br>ICEA T-29-520<br>IEEE 1202/383 | <b>1101A</b> | EX | 1 | Purple, Red | Purple | 10000 † | 3048.0 | 450.0 | 204.3 | .017 | .43 | .248 | 6.30 |
|                                                                                     | <b>1000A</b> | JX | 1 | White, Red  | Black  | 1000    | 304.8  | 42.0  | 19.1  | .017 | .43 | .248 | 6.30 |
|                                                                                     |              |    |   |             |        | 10000 † | 3048.0 | 420.0 | 190.7 |      |     |      |      |
|                                                                                     | <b>1018A</b> | KX | 1 | Yellow, Red | Yellow | 1000    | 304.8  | 42.0  | 19.1  | .017 | .43 | .248 | 6.30 |
|                                                                                     |              |    |   |             |        | 10000 † | 3048.0 | 420.0 | 190.7 |      |     |      |      |
|                                                                                     | <b>1023A</b> | TX | 1 | Blue, Red   | Blue   | 10000 † | 3048.0 | 450.0 | 204.3 | .017 | .43 | .248 | 6.30 |



Multiple pair cables have each pair numbered for ease of identification.

†Final put-up length may vary ±10% from length shown.

## UL Instrumentation Cable

High-Temperature Thermocouple Extension Cables and Thermocouple Wire  
Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | ANSI Type | No. of Pairs/Cond. | Color Code | Jacket Color | Standard Lengths |   | Standard Unit Weight |    | Insulation Thickness |    | Nominal OD |    |
|-------------|----------|-----------|--------------------|------------|--------------|------------------|---|----------------------|----|----------------------|----|------------|----|
|             |          |           |                    |            |              | Ft.              | m | Lbs.                 | kg | Inch                 | mm | Inch       | mm |

**High-Temp Extension Cable • 20 AWG Solid Conductors •** (See chart on page 18.53 for conductor specifications by ANSI Type)

### Plenum • Unshielded • FEP Insulation • FEP Jacket

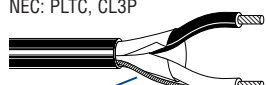
|                                                                                   |              |    |     |             |        |        |       |      |     |      |     |           |           |
|-----------------------------------------------------------------------------------|--------------|----|-----|-------------|--------|--------|-------|------|-----|------|-----|-----------|-----------|
| 300V 200°C<br>NEC: PLTC, CL3P                                                     | <b>83932</b> | KX | 2/c | Yellow, Red | Yellow | 500 †  | 152.4 | 6.5  | 3.0 | .010 | .25 | .076      | 1.93      |
|                                                                                   |              |    |     |             |        | 1000 † | 304.8 | 12.0 | 5.4 |      |     | x<br>.128 | x<br>3.25 |
|  | <b>83934</b> | TX | 2/c | Blue, Red   | Blue   | 1000 † | 304.8 | 13.0 | 6.0 | .010 | .25 | .076      | 1.93      |
|                                                                                   |              |    |     |             |        |        |       |      |     |      |     | x<br>.128 | x<br>3.25 |

**High-Temp Extension Cable • 20 AWG Stranded (7x28) Conductors •** (See chart on page 18.53 for conductor specifications by ANSI Type)

### Plenum • Unshielded • FEP Insulation • FEP Jacket

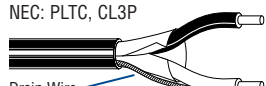
|                               |                                                                                   |              |    |     |            |       |        |       |      |     |      |     |      |      |
|-------------------------------|-----------------------------------------------------------------------------------|--------------|----|-----|------------|-------|--------|-------|------|-----|------|-----|------|------|
| 300V 200°C<br>NEC: PLTC, CL3P |  | <b>83930</b> | JX | 2/c | White, Red | Black | 500 †  | 152.4 | 7.5  | 3.4 | .010 | .25 | .082 | 2.08 |
|                               |                                                                                   |              |    |     |            |       | 1000 † | 304.8 | 13.0 | 6.0 |      |     | x    | x    |
|                               |                                                                                   |              |    |     |            |       |        |       |      |     |      |     | .140 | 3.56 |

### Plenum • Overall Beldfoil® Shield (100% Coverage) • FEP Insulation • FEP Jacket

|                                                                                     |              |    |       |             |        |        |       |      |     |      |     |      |      |
|-------------------------------------------------------------------------------------|--------------|----|-------|-------------|--------|--------|-------|------|-----|------|-----|------|------|
| 300V 200°C<br>NEC: PLTC, CL3P                                                       | <b>83955</b> | EX | 1 pr. | Purple, Red | Purple | 500 †  | 152.4 | 9.0  | 4.1 | .010 | .25 | .145 | 3.68 |
|                                                                                     |              |    |       |             |        | 1000 † | 304.8 | 16.0 | 7.3 |      |     |      |      |
|    | <b>83950</b> | JX | 1 pr. | White, Red  | Black  | 500 †  | 152.4 | 9.5  | 4.3 | .010 | .25 | .145 | 3.68 |
|                                                                                     |              |    |       |             |        | 1000 † | 304.8 | 16.0 | 7.3 |      |     |      |      |
|   | <b>83952</b> | KX | 1 pr. | Yellow, Red | Yellow | 500 †  | 152.4 | 9.5  | 4.3 | .010 | .25 | .145 | 3.68 |
|                                                                                     |              |    |       |             |        | 1000 † | 304.8 | 16.0 | 7.3 |      |     |      |      |
|  | <b>83954</b> | TX | 1 pr. | Blue, Red   | Blue   | 500 †  | 152.4 | 9.0  | 4.1 | .010 | .25 | .145 | 3.68 |
|                                                                                     |              |    |       |             |        | 1000 † | 304.8 | 17.0 | 7.7 |      |     |      |      |

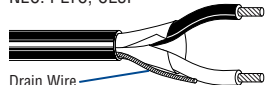
**High-Temp Extension Cable • 16 AWG Pairs Solid Conductors •** (See chart on page 18.53 for conductor specifications by ANSI Type)

### Plenum • Overall Beldfoil Shield (100% Coverage) • FEP Insulation • FEP Jacket

|                                                                                     |              |    |   |             |        |        |        |       |      |      |     |      |      |
|-------------------------------------------------------------------------------------|--------------|----|---|-------------|--------|--------|--------|-------|------|------|-----|------|------|
| 300V 200°C<br>NEC: PLTC, CL3P                                                       | <b>1114A</b> | EX | 1 | Purple, Red | Purple | 5000 † | 1524.0 | 160.0 | 72.6 | .010 | .25 | .172 | 4.37 |
|                                                                                     |              |    |   |             |        |        |        |       |      |      |     |      |      |
|  | <b>1115A</b> | JX | 1 | White, Red  | Black  | 5000 † | 1524.0 | 155.0 | 70.4 | .010 | .25 | .172 | 4.37 |
|                                                                                     |              |    |   |             |        |        |        |       |      |      |     |      |      |
|  | <b>1116A</b> | KX | 1 | Yellow, Red | Yellow | 5000 † | 1524.0 | 160.0 | 72.6 | .010 | .25 | .171 | 4.34 |
|                                                                                     |              |    |   |             |        |        |        |       |      |      |     |      |      |
|  | <b>1117A</b> | TX | 1 | Blue, Red   | Blue   | 5000 † | 1524.0 | 160.0 | 72.6 | .010 | .25 | .172 | 4.37 |
|                                                                                     |              |    |   |             |        |        |        |       |      |      |     |      |      |

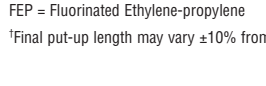
**High-Temp Extension Cable • 16 AWG Pairs Stranded (7x24) Conductors •** (See chart on page 18.53 for conductor specifications by ANSI Type)

### Plenum • Overall Beldfoil Shield (100% Coverage) • FEP Insulation • FEP Jacket

|                                                                                     |              |    |   |             |        |        |       |      |      |      |     |      |      |
|-------------------------------------------------------------------------------------|--------------|----|---|-------------|--------|--------|-------|------|------|------|-----|------|------|
| 300V 200°C<br>NEC: PLTC, CL3P                                                       | <b>83951</b> | JX | 1 | White, Red  | Black  | 500 †  | 152.4 | 16.0 | 7.3  | .010 | .25 | .189 | 4.80 |
|                                                                                     |              |    |   |             |        | 1000 † | 304.8 | 35.0 | 15.9 |      |     |      |      |
|  | <b>83953</b> | KX | 1 | Yellow, Red | Yellow | 500 †  | 152.4 | 16.0 | 7.3  | .010 | .25 | .187 | 4.75 |
|                                                                                     |              |    |   |             |        | 1000 † | 304.8 | 32.0 | 14.5 |      |     |      |      |

**High-Temp Thermocouple Wire • 20 AWG Solid Conductors •** (See chart on page 18.53 for conductor specifications by ANSI Type)

### Plenum • Unshielded • FEP Insulation • FEP Jacket

|                                                                                     |              |   |     |             |       |        |       |      |     |      |     |           |           |
|-------------------------------------------------------------------------------------|--------------|---|-----|-------------|-------|--------|-------|------|-----|------|-----|-----------|-----------|
| 300V 200°C<br>NEC: PLTC, CL3P                                                       | <b>83915</b> | E | 2/c | Purple, Red | Brown | 500 †  | 152.4 | 7.0  | 3.2 | .010 | .25 | .076      | 1.93      |
|                                                                                     |              |   |     |             |       | 1000 † | 304.8 | 13.0 | 6.0 |      |     | x<br>.128 | x<br>3.25 |
|  | <b>83900</b> | J | 2/c | White, Red  | Brown | 100    | 30.5  | 2.1  | 1.0 | .010 | .25 | .076      | 1.93      |
|                                                                                     |              |   |     |             |       | 500 †  | 152.4 | 7.0  | 3.2 |      |     | x<br>.128 | x<br>3.25 |
|  | <b>83905</b> | K | 2/c | Yellow, Red | Brown | 100    | 30.5  | 2.1  | 1.0 | .010 | .25 | .076      | 1.93      |
|                                                                                     |              |   |     |             |       | 500 †  | 152.4 | 7.0  | 3.2 |      |     | x<br>.128 | x<br>3.25 |
|  | <b>83910</b> | T | 2/c | Blue, Red   | Brown | 100    | 30.5  | 2.1  | 1.0 | .010 | .25 | .076      | 1.93      |
|                                                                                     |              |   |     |             |       | 500 †  | 152.4 | 7.0  | 3.2 |      |     | x<br>.128 | x<br>3.25 |
|  | <b>83910</b> | T | 2/c | Blue, Red   | Brown | 1000 † | 304.8 | 12.0 | 5.4 |      |     |           |           |
|                                                                                     |              |   |     |             |       |        |       |      |     |      |     |           |           |

FEP = Fluorinated Ethylene-propylene

†Final put-up length may vary ±10% from length shown.

Multiple pair cables have each pair numbered for ease of identification.

**UL Instrumentation Cable**

600V Tray Cables

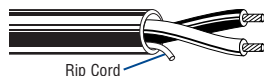
Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | No. of Pairs | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|--------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |              |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**18 AWG Pairs** Stranded (19x30) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC/Nylon Insulation • Black PVC Jacket**

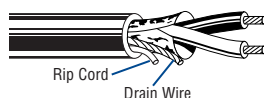
NEC: TC, NPLF  
 ICEA S-73-532, ICEA S-61-402  
 ICEA T-29-520  
 FT4/IEEE 1202/383

**9486** 1 E2 1000 304.8 43.0 19.5 .048 1.22 .275 6.99 50 222 2.75 69.85

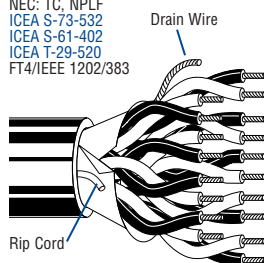
**Overall Beldfoil® Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket**

NEC: TC, NPLF  
 ICEA S-73-532, ICEA S-61-402  
 ICEA T-29-520  
 FT4/IEEE 1202/383

**9341** 1 E2 500 152.4 22.0 10.0 .048 1.22 .276 7.01 63 280 2.75 69.85  
 1000 304.8 43.0 19.5

**18 AWG Pairs** Stranded (7x26) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (See chart below for other options)

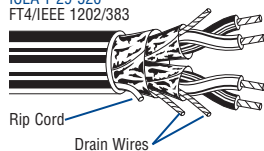
NEC: TC, NPLF  
 ICEA S-73-532  
 ICEA S-61-402  
 ICEA T-29-520  
 FT4/IEEE 1202/383



|              |    |    |         |        |        |       |      |      |       |       |      |       |       |        |
|--------------|----|----|---------|--------|--------|-------|------|------|-------|-------|------|-------|-------|--------|
| <b>1120A</b> | 1  | E2 | 10000 † | 3048.0 | 450.0  | 204.3 | .048 | 1.22 | .278  | 7.06  | 59   | 262   | 2.80  | 71.12  |
| <b>3088A</b> | 1  | E1 | 10000 † | 3048.0 | 510.0  | 231.3 | .048 | 1.22 | .278  | 7.06  | 67   | 298   | 2.80  | 71.12  |
| <b>1063A</b> | 2  | E1 | 10000 † | 3048.0 | 790.0  | 358.3 | .053 | 1.35 | .407  | 10.34 | 112  | 498   | 4.10  | 104.14 |
| <b>1064A</b> | 4  | E1 | 7500 †  | 2286.0 | 892.5  | 404.8 | .053 | 1.35 | .470  | 11.94 | 202  | 899   | 4.70  | 119.38 |
| <b>1065A</b> | 8  | E1 | 7500 †  | 2286.0 | 1650.0 | 748.4 | .064 | 1.63 | .599  | 15.21 | 381  | 1695  | 6.00  | 152.40 |
| <b>1066A</b> | 12 | E1 | 5000 †  | 1524.0 | 1520.0 | 689.5 | .064 | 1.63 | .717  | 18.21 | 560  | 2491  | 7.20  | 182.88 |
| <b>1067A</b> | 16 | E1 | 5000 †  | 1524.0 | 1905.0 | 864.1 | .064 | 1.63 | .793  | 20.14 | 739  | 3287  | 8.00  | 203.20 |
| <b>1068A</b> | 24 | E1 | 2500 †  | 762.0  | 1487.5 | 674.7 | .084 | 2.13 | 1.017 | 25.83 | 1098 | 4884  | 10.30 | 261.62 |
| <b>1087A</b> | 36 | E1 | 1250 †  | 381.0  | 1005.0 | 455.9 | .084 | 2.13 | 1.178 | 29.97 | 1635 | 7273  | 11.70 | 297.18 |
| <b>1088A</b> | 50 | E1 | Bulk †† | Bulk   | —      | —     | .084 | 2.13 | 1.446 | 36.73 | 2262 | 10062 | 14.50 | 368.30 |

**Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (Options below)

NEC: TC, NPLF  
 ICEA S-73-532  
 ICEA S-61-402  
 ICEA T-29-520  
 FT4/IEEE 1202/383



|              |    |    |         |        |        |       |      |      |       |       |      |       |       |        |
|--------------|----|----|---------|--------|--------|-------|------|------|-------|-------|------|-------|-------|--------|
| <b>1048A</b> | 2  | E1 | 7500 †  | 2286.0 | 622.5  | 282.4 | .048 | 1.22 | .381  | 9.68  | 140  | 623   | 3.80  | 96.52  |
| <b>1049A</b> | 4  | E1 | 7500 †  | 2286.0 | 1057.5 | 479.7 | .053 | 1.35 | .489  | 12.42 | 258  | 1148  | 4.90  | 124.46 |
| <b>1050A</b> | 8  | E1 | 7500 †  | 2286.0 | 1965.0 | 891.3 | .064 | 1.63 | .654  | 16.61 | 350  | 1557  | 6.60  | 167.64 |
| <b>1051A</b> | 12 | E1 | 5000 †  | 1524.0 | 1915.0 | 868.6 | .064 | 1.63 | .785  | 19.94 | 728  | 3238  | 7.90  | 200.66 |
| <b>1052A</b> | 16 | E1 | 2500 †  | 762.0  | 1267.5 | 574.9 | .084 | 2.13 | .898  | 22.81 | 963  | 4284  | 9.00  | 228.60 |
| <b>1053A</b> | 24 | E1 | 2500 †  | 762.0  | 1907.5 | 865.2 | .084 | 2.13 | 1.115 | 28.32 | 1434 | 6379  | 11.10 | 281.94 |
| <b>1054A</b> | 36 | E1 | 1250 †  | 381.0  | 1270.0 | 576.1 | .084 | 2.13 | 1.299 | 32.99 | 2139 | 9515  | 13.00 | 330.20 |
| <b>1038A</b> | 50 | E1 | Bulk †† | Bulk   | —      | —     | .084 | 2.13 | 1.527 | 38.79 | 2962 | 13176 | 15.30 | 388.62 |

E1, E2 = Refer to Technical Information section for color code. Alternate color coding available upon request.  
 Multiple pair or triad cables have each pair/triad numbered for ease of identification.

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

**To Specify:**

**1234 A E**  
 Start with Part No. Add or replace letter code for desired conductor, insulation & jacket. Add for Exposed Run rating if desired.

**Conductor, Insulation and Jacket Options\*\***

| Bare     | Tinned   | Insulation/Jacket    |
|----------|----------|----------------------|
| <b>A</b> | <b>B</b> | PVC-Nylon/PVC        |
| <b>C</b> | <b>D</b> | XLPE/PVC             |
| <b>E</b> | <b>F</b> | FRPO/PVC             |
| <b>G</b> | <b>H</b> | XLPE/TPE             |
| <b>K</b> | <b>L</b> | TPE/TPE              |
| <b>M</b> | <b>N</b> | PVC-Nylon/Oil Res II |
| <b>Q</b> | <b>R</b> | XLPE/CPE             |
| <b>S</b> | <b>T</b> | XLPE/Haloarrest®     |

\*\*For 1000 and 3000 Series cables only.

**BELDEN**

For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr

**UL Instrumentation Cable**

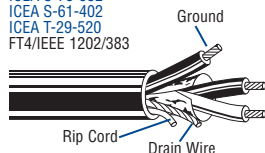
600V Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

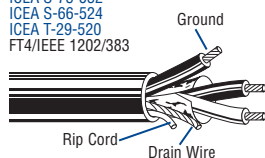
| Description | Part No. | No. of Pairs/Triads | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|---------------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |                     |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**18 AWG Pairs** Stranded (7x26) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket (Green Ground)**

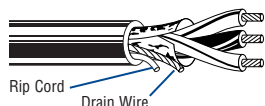
|                                                                                          |        |   |    |                |                  |               |               |      |      |      |      |    |     |      |       |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|------------------|---------------|---------------|------|------|------|------|----|-----|------|-------|
| NEC: TC-ER, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 3088AE | 1 | E1 | 1000<br>5000 † | 3048.0<br>1524.0 | 63.0<br>320.0 | 28.6<br>145.3 | .048 | 1.22 | .340 | 8.64 | 80 | 356 | 3.40 | 86.36 |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|------------------|---------------|---------------|------|------|------|------|----|-----|------|-------|

**Overall Beldfoil Shield (100% Coverage) • XLPE Insulation • Black PVC Jacket (Green Ground)**

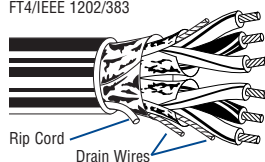
|                                                                                          |        |   |    |                |                  |               |               |      |      |      |      |    |     |      |       |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|------------------|---------------|---------------|------|------|------|------|----|-----|------|-------|
| NEC: TC-ER, NPLF<br>ICEA S-73-532<br>ICEA S-66-524<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 3088CE | 1 | E1 | 1000<br>5000 † | 3048.0<br>1524.0 | 66.0<br>375.0 | 30.0<br>170.3 | .048 | 1.22 | .340 | 8.64 | 80 | 356 | 3.40 | 86.36 |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|------------------|---------------|---------------|------|------|------|------|----|-----|------|-------|

**18 AWG Triads** Stranded (7x26) Bare Copper Conductors • Twisted Triads**Overall Beldfoil® Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket (See chart below for other options)**

|                                                                                       |       |   |    |         |        |       |       |      |      |      |      |    |     |      |       |
|---------------------------------------------------------------------------------------|-------|---|----|---------|--------|-------|-------|------|------|------|------|----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 1121A | 1 | E2 | 500 †   | 152.4  | 27.5  | 12.5  | .048 | 1.22 | .282 | 7.16 | 90 | 400 | 2.75 | 69.85 |
|                                                                                       |       |   |    | 1000 †  | 304.8  | 53.0  | 24.0  |      |      |      |      |    |     |      |       |
|                                                                                       |       |   |    | 10000 † | 3048.0 | 560.0 | 254.0 |      |      |      |      |    |     |      |       |
|                                                                                       |       |   |    |         |        |       |       |      |      |      |      |    |     |      |       |
|                                                                                       | 3089A | 1 | E1 | 10000 † | 3048.0 | 590.0 | 267.6 | .048 | 1.22 | .284 | 7.21 | 90 | 400 | 2.75 | 69.85 |

**Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket (Options below)**

|                                                                                       |       |    |    |         |        |        |        |      |      |       |       |      |      |       |        |
|---------------------------------------------------------------------------------------|-------|----|----|---------|--------|--------|--------|------|------|-------|-------|------|------|-------|--------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 3064A | 2  | E1 | Bulk †† | Bulk   | —      | —      | .048 | 1.22 | .493  | 12.52 | 185  | 823  | 4.75  | 120.65 |
|                                                                                       | 1093A | 4  | E1 | 7500 †  | 2286.0 | 1545.0 | 700.8  | .063 | 1.60 | .577  | 14.66 | 347  | 1544 | 6.00  | 152.40 |
|                                                                                       | 1094A | 8  | E1 | 5000 †  | 1524.0 | 1755.0 | 796.1  | .063 | 1.60 | .745  | 18.92 | 672  | 2989 | 7.50  | 190.50 |
|                                                                                       | 1095A | 12 | E1 | 2500 †  | 762.0  | 1320.0 | 598.8  | .084 | 2.13 | .944  | 23.98 | 997  | 4435 | 9.75  | 247.65 |
|                                                                                       |       |    |    | 5000 †  | 1524.0 | 2875.0 | 1304.1 |      |      |       |       |      |      |       |        |
|                                                                                       | 3066A | 16 | E1 | Bulk †† | Bulk   | —      | —      | .084 | 2.13 | 1.046 | 26.57 | 1322 | 5881 | 10.50 | 266.70 |
|                                                                                       | 1096A | 24 | E1 | Bulk †† | Bulk   | —      | —      | .084 | 2.13 | 1.284 | 32.61 | 1971 | 8767 | 13.00 | 330.20 |



E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

**Conductor, Insulation and Jacket Options**

| To Specify:                                                                                                                                          |          |          | Bare     | Tinned   | Insulation/Jacket    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------------------|
| <b>1234</b><br>Start with Part No.<br>Add or replace letter code for desired conductor, insulation & jacket<br>Add for Exposed Run rating if desired | <b>A</b> | <b>E</b> | <b>A</b> | <b>B</b> | PVC-Nylon/PVC        |
|                                                                                                                                                      |          |          | <b>C</b> | <b>D</b> | XLPE/PVC             |
|                                                                                                                                                      |          |          | <b>E</b> | <b>F</b> | FRPO/PVC             |
|                                                                                                                                                      |          |          | <b>G</b> | <b>H</b> | XLPE/TPE             |
|                                                                                                                                                      |          |          | <b>K</b> | <b>L</b> | TPE/TPE              |
|                                                                                                                                                      |          |          | <b>M</b> | <b>N</b> | PVC-Nylon/Oil Res II |
|                                                                                                                                                      |          |          | <b>Q</b> | <b>R</b> | XLPE/CPE             |
|                                                                                                                                                      |          |          | <b>S</b> | <b>T</b> | XLPE/Haloarrest®     |

**UL Instrumentation Cable**

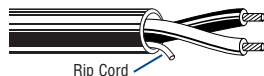
600V Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

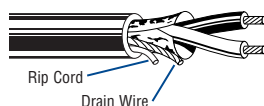
| Description | Part No. | No. of Pairs | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|--------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |              |            | ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**16 AWG Pairs** Stranded (19x29) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC/Nylon Insulation • Black PVC Jacket**

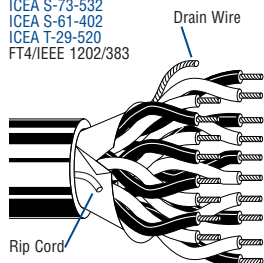
|                                                                                     |             |   |    |             |                |              |              |      |      |      |      |    |     |      |       |
|-------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532, ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>9487</b> | 1 | E2 | 500<br>1000 | 152.4<br>304.8 | 25.5<br>54.0 | 11.6<br>24.5 | .048 | 1.22 | .295 | 7.49 | 70 | 311 | 3.00 | 76.20 |
|-------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|----|-----|------|-------|

**Overall Beldfoil® Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket**

|                                                                                     |             |   |    |             |                |              |              |      |      |      |      |     |     |      |       |
|-------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532, ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>9342</b> | 1 | E2 | 500<br>1000 | 152.4<br>304.8 | 27.5<br>56.0 | 12.7<br>25.4 | .048 | 1.22 | .296 | 7.52 | 105 | 467 | 3.00 | 76.20 |
|-------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|

**16 AWG Pairs** Stranded (7x24) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                                       |              |    |    |         |        |        |        |      |      |       |       |      |       |       |        |
|---------------------------------------------------------------------------------------|--------------|----|----|---------|--------|--------|--------|------|------|-------|-------|------|-------|-------|--------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>1118A</b> | 1  | E2 | 10000 † | 3048.0 | 550.0  | 249.5  | .047 | 1.19 | .294  | 7.47  | 105  | 467   | 3.00  | 76.20  |
|                                                                                       | <b>3090A</b> | 1  | E1 | 2500 †  | 762.0  | 150.0  | 68.0   | .047 | 1.19 | .295  | 7.49  | 105  | 467   | 3.00  | 76.20  |
|                                                                                       | <b>1069A</b> | 2  | E1 | 7500 †  | 2286.0 | 712.5  | 323.2  | .047 | 1.19 | .456  | 11.58 | 179  | 796   | 4.60  | 116.84 |
|                                                                                       | <b>1527A</b> | 3  | E1 | 7500 †  | 2286.0 | 1042.5 | 472.9  | .047 | 1.19 | .482  | 12.24 | 241  | 1072  | 4.80  | 121.92 |
|                                                                                       | <b>1070A</b> | 4  | E1 | 7500 †  | 2286.0 | 1357.5 | 615.8  | .063 | 1.60 | .560  | 14.22 | 321  | 1428  | 5.60  | 142.24 |
|                                                                                       | <b>1071A</b> | 8  | E1 | 7500 †  | 2286.0 | 2242.5 | 1017.2 | .063 | 1.60 | .676  | 17.17 | 607  | 2700  | 6.80  | 172.72 |
|                                                                                       | <b>1072A</b> | 12 | E1 | 5000 †  | 1524.0 | 1047.5 | 475.2  | .063 | 1.60 | .812  | 20.63 | 893  | 3972  | 8.10  | 205.74 |
|                                                                                       | <b>1073A</b> | 16 | E1 | 2500 †  | 762.0  | 1442.5 | 654.3  | .085 | 2.16 | .946  | 24.03 | 1178 | 5240  | 9.30  | 236.22 |
|                                                                                       | <b>1074A</b> | 24 | E1 | 1250 †  | 381.0  | 2115.0 | 959.4  | .085 | 2.16 | 1.158 | 29.41 | 1749 | 7780  | 11.60 | 294.64 |
|                                                                                       | <b>1089A</b> | 36 | E1 | 1250 †  | 381.0  | 1388.7 | 629.9  | .085 | 2.16 | 1.321 | 33.55 | 2606 | 11592 | 13.20 | 335.28 |
|                                                                                       | <b>1090A</b> | 50 | E1 | Bulk †† | Bulk   | —      | —      | .085 | 2.16 | 1.551 | 39.40 | 3606 | 16040 | 15.50 | 393.70 |

**Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (Options below)

|                                                                                       |              |    |    |         |        |        |       |      |      |       |       |      |       |       |        |
|---------------------------------------------------------------------------------------|--------------|----|----|---------|--------|--------|-------|------|------|-------|-------|------|-------|-------|--------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>1055A</b> | 2  | E1 | 7500 †  | 2286.0 | 885.0  | 401.8 | .047 | 1.19 | .476  | 12.09 | 223  | 992   | 4.16  | 105.66 |
|                                                                                       | <b>1037A</b> | 3  | E1 | 7500 †  | 2286.0 | 1072.5 | 486.5 | .047 | 1.19 | .504  | 12.80 | 290  | 1290  | 5.00  | 127.0  |
|                                                                                       | <b>1039A</b> | 4  | E1 | 7500 †  | 2286.0 | 1472.5 | 667.9 | .063 | 1.60 | .584  | 14.83 | 411  | 1828  | 5.80  | 147.32 |
|                                                                                       | <b>1040A</b> | 6  | E1 | 5000 †  | 1524.0 | 1435.0 | 650.9 | .063 | 1.60 | .682  | 17.32 | 428  | 1904  | 6.80  | 172.72 |
|                                                                                       | <b>1041A</b> | 8  | E1 | 5000 †  | 1524.0 | 1805.0 | 818.8 | .063 | 1.60 | .738  | 18.75 | 786  | 3496  | 7.40  | 187.96 |
|                                                                                       | <b>1042A</b> | 12 | E1 | 2500 †  | 762.0  | 1327.5 | 602.2 | .085 | 2.16 | .935  | 23.75 | 1161 | 5164  | 9.40  | 238.76 |
|                                                                                       | <b>1043A</b> | 16 | E1 | 2500 †  | 762.0  | 1765.0 | 800.6 | .085 | 2.16 | 1.035 | 26.29 | 1537 | 6837  | 10.40 | 264.16 |
|                                                                                       | <b>1044A</b> | 20 | E1 | 2500 †  | 762.0  | 2062.5 | 935.6 | .085 | 2.16 | 1.146 | 29.11 | 1912 | 8505  | 11.50 | 292.10 |
|                                                                                       | <b>1045A</b> | 24 | E1 | 1250 †  | 381.0  | 1241.3 | 563.1 | .085 | 2.16 | 1.272 | 32.31 | 2287 | 10173 | 12.70 | 322.58 |
|                                                                                       | <b>1046A</b> | 36 | E1 | Bulk †† | Bulk   | —      | —     | .085 | 2.16 | 1.454 | 36.93 | 3413 | 15182 | 14.50 | 368.30 |
|                                                                                       | <b>1047A</b> | 50 | E1 | Bulk †† | Bulk   | —      | —     | .120 | 3.05 | 1.781 | 45.24 | 4726 | 21022 | 17.80 | 452.12 |

E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

**To Specify:**

| 1234                | A                                                                     | E                                     |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired |

**Conductor, Insulation and Jacket Options\*\***

| Bare | Tinned | Insulation/Jacket    |
|------|--------|----------------------|
| A    | B      | PVC-Nylon/PVC        |
| C    | D      | XLPE/PVC             |
| E    | F      | FRPO/PVC             |
| G    | H      | XLPE/TPE             |
| K    | L      | TPE/TPE              |
| M    | N      | PVC-Nylon/Oil Res II |
| Q    | R      | XLPE/CPE             |
| S    | T      | XLPE/Haloarrest®     |

\*\*For 1000 and 3000 Series cables only.

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**UL Instrumentation Cable**

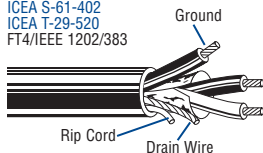
600V Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

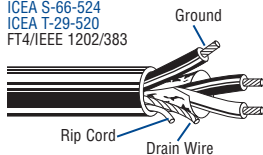
| Description | Part No. | No. of Pairs/Triads | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|---------------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |                     |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**16 AWG Pairs** Stranded (7x24) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (Green Ground)

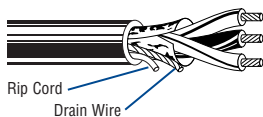
|                                                                                          |        |   |    |                |                 |               |               |      |      |      |      |     |     |      |       |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|-----------------|---------------|---------------|------|------|------|------|-----|-----|------|-------|
| NEC: TC-ER, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 3090AE | 1 | E1 | 1000<br>5000 † | 304.8<br>1524.0 | 65.0<br>340.0 | 29.5<br>154.4 | .048 | 1.22 | .390 | 9.91 | 130 | 578 | 3.90 | 99.06 |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|-----------------|---------------|---------------|------|------|------|------|-----|-----|------|-------|

**Overall Beldfoil Shield (100% Coverage) • XLPE Insulation • Black PVC Jacket** (Green Ground)

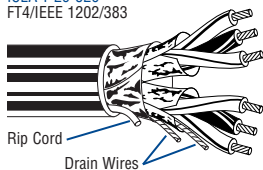
|                                                                                          |        |   |    |                |                  |               |               |      |      |      |      |     |     |      |       |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|------------------|---------------|---------------|------|------|------|------|-----|-----|------|-------|
| NEC: TC-ER, NPLF<br>ICEA S-73-532<br>ICEA S-66-524<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 3090CE | 1 | E1 | 1000<br>5000 † | 3048.0<br>1524.0 | 81.0<br>450.0 | 39.8<br>204.3 | .048 | 1.22 | .390 | 9.91 | 130 | 578 | 3.90 | 99.06 |
|------------------------------------------------------------------------------------------|--------|---|----|----------------|------------------|---------------|---------------|------|------|------|------|-----|-----|------|-------|

**16 AWG Triads** Stranded (7x24) Bare Copper Conductors • Twisted Triads**Overall Beldfoil® Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                                       |       |   |    |         |        |       |       |      |      |      |      |     |     |      |       |
|---------------------------------------------------------------------------------------|-------|---|----|---------|--------|-------|-------|------|------|------|------|-----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 1119A | 1 | E2 | 500 †   | 152.4  | 35.0  | 15.9  | .047 | 1.19 | .310 | 7.87 | 129 | 574 | 3.10 | 78.74 |
|                                                                                       |       |   |    | 1000 †  | 304.8  | 68.0  | 30.9  |      |      |      |      |     |     |      |       |
|                                                                                       |       |   |    | 10000 † | 3048.0 | 700.0 | 317.5 |      |      |      |      |     |     |      |       |
|                                                                                       | 3091A | 1 | E1 | 10000 † | 3048.0 | 750.0 | 340.2 | .047 | 1.19 | .310 | 7.87 | 129 | 574 | 3.10 | 78.74 |

**Individually Shielded + Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (Options below)

|                                                                                       |       |    |    |         |        |        |       |      |      |       |       |      |       |       |        |
|---------------------------------------------------------------------------------------|-------|----|----|---------|--------|--------|-------|------|------|-------|-------|------|-------|-------|--------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | 1097A | 4  | E1 | 5000 †  | 1524.0 | 1415.0 | 641.8 | .063 | 1.60 | .640  | 16.26 | 554  | 2464  | 6.40  | 162.56 |
|                                                                                       | 1098A | 8  | E1 | 2500 †  | 762.0  | 1350.0 | 612.4 | .085 | 2.16 | .872  | 22.15 | 1072 | 4768  | 8.70  | 220.98 |
|                                                                                       | 1099A | 12 | E1 | 2500 †  | 762.0  | 1875.0 | 850.5 | .085 | 2.16 | 1.047 | 26.59 | 1590 | 7073  | 10.50 | 266.70 |
|                                                                                       | 3118A | 16 | E1 | Bulk †† | Bulk   | —      | —     | .084 | 2.13 | 1.234 | 31.34 | 1771 | 7878  | 12.25 | 311.15 |
|                                                                                       | 1100A | 24 | E1 | Bulk †† | Bulk   | —      | —     | .085 | 2.16 | 1.434 | 36.42 | 3144 | 13985 | 14.30 | 363.22 |
|                                                                                       | 3130A | 36 | E1 | Bulk †† | Bulk   | —      | —     | .110 | 2.79 | 1.773 | 45.03 | 3600 | 16013 | 18.00 | 457.20 |



E1, E2 = Refer to Technical Information section for color code.

Alternate color coding available upon request.

Multiple pair or triad cables have each pair/triad numbered for ease of identification.

†Final put-up length may vary ±10% from length shown.

††Bulk = Check length available for specific construction.

**Conductor, Insulation and Jacket Options**

| To Specify:                                                                                                                                          |          |          | Bare     | Tinned   | Insulation/Jacket    |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|----------|----------|----------------------|
| <b>1234</b><br>Start with Part No.<br>Add or replace letter code for desired conductor, insulation & jacket<br>Add for Exposed Run rating if desired | <b>A</b> | <b>E</b> | <b>A</b> | <b>B</b> | PVC-Nylon/PVC        |
|                                                                                                                                                      |          |          | <b>C</b> | <b>D</b> | XLPE/PVC             |
|                                                                                                                                                      |          |          | <b>E</b> | <b>F</b> | FRPO/PVC             |
|                                                                                                                                                      |          |          | <b>G</b> | <b>H</b> | XLPE/TPE             |
|                                                                                                                                                      |          |          | <b>K</b> | <b>L</b> | TPE/TPE              |
|                                                                                                                                                      |          |          | <b>M</b> | <b>N</b> | PVC-Nylon/Oil Res II |
|                                                                                                                                                      |          |          | <b>Q</b> | <b>R</b> | XLPE/CPE             |
|                                                                                                                                                      |          |          | <b>S</b> | <b>T</b> | XLPE/Haloarrest®     |

**UL Instrumentation Cable**

600V Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

| Description | Part No. | No. of Pairs/Triads | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|---------------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |                     |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**14 AWG Pairs** Stranded (42x30) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC/Nylon Insulation • Black PVC Jacket**

|                                                                                       |             |   |    |      |       |      |      |      |      |      |      |     |     |      |       |
|---------------------------------------------------------------------------------------|-------------|---|----|------|-------|------|------|------|------|------|------|-----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>9488</b> | 1 | E2 | 1000 | 304.8 | 77.0 | 34.9 | .048 | 1.22 | .359 | 9.12 | 107 | 476 | 3.75 | 95.25 |
|---------------------------------------------------------------------------------------|-------------|---|----|------|-------|------|------|------|------|------|------|-----|-----|------|-------|



Rip Cord

**Overall Beldfoil® Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket**

|                                                                                       |             |   |    |             |                |              |              |      |      |      |      |     |     |      |       |
|---------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>9343</b> | 1 | E2 | 500<br>1000 | 152.4<br>304.8 | 42.5<br>86.0 | 19.1<br>39.0 | .048 | 1.22 | .358 | 9.09 | 160 | 712 | 3.75 | 95.25 |
|---------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|--------------|--------------|------|------|------|------|-----|-----|------|-------|



Rip Cord

Drain Wire

**14 AWG Pairs** Stranded (7x22) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                                       |              |   |    |       |       |   |   |      |      |      |      |     |     |      |       |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|------|-----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>3080A</b> | 1 | E1 | Bulk* | Bulk* | — | — | .048 | 1.22 | .342 | 8.69 | 160 | 712 | 3.50 | 88.90 |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|------|-----|-----|------|-------|



Rip Cord

Drain Wire

**14 AWG Triads** Stranded (7x22) Bare Copper Conductors • Twisted Triads**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                                       |              |   |    |       |       |   |   |      |      |      |      |     |     |      |       |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|------|-----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>3081A</b> | 1 | E1 | Bulk* | Bulk* | — | — | .048 | 1.22 | .361 | 9.17 | 200 | 890 | 3.50 | 88.90 |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|------|-----|-----|------|-------|



Rip Cord

Drain Wire

E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

\*Bulk = Check length available for specific construction.

**To Specify:**

|                     |                                                                       |                                       |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|
| <b>1234</b>         | <b>A</b>                                                              | <b>E</b>                              |
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired |

**Conductor, Insulation and Jacket Options\*\***

| Bare     | Tinned   | Insulation/Jacket    |
|----------|----------|----------------------|
| <b>A</b> | <b>B</b> | PVC-Nylon/PVC        |
| <b>C</b> | <b>D</b> | XLPE/PVC             |
| <b>E</b> | <b>F</b> | FRPO/PVC             |
| <b>G</b> | <b>H</b> | XLPE/TPE             |
| <b>K</b> | <b>L</b> | TPE/TPE              |
| <b>M</b> | <b>N</b> | PVC-Nylon/Oil Res II |
| <b>Q</b> | <b>R</b> | XLPE/CPE             |
| <b>S</b> | <b>T</b> | XLPE/Haloarrest®     |

\*\*For 1000 and 3000 Series cables only.

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**UL Instrumentation Cable**

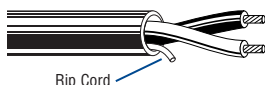
600V Tray Cables

Industrial Grade Sunlight- and Oil-Resistant Jackets

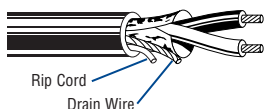
| Description | Part No. | No. of Pairs/Triads | Color Code | Standard Lengths |   | Standard Unit Weight |    | Jacket Thickness |    | Nominal OD |    | Maximum Pull Tension |   | Minimum Bend Radius |    |
|-------------|----------|---------------------|------------|------------------|---|----------------------|----|------------------|----|------------|----|----------------------|---|---------------------|----|
|             |          |                     |            | Ft.              | m | Lbs.                 | kg | Inch             | mm | Inch       | mm | Lbs.                 | N | Inch                | mm |

**12 AWG Pairs** Stranded (37x27) Tinned Copper Conductors • Twisted Pairs**Unshielded • PVC/Nylon Insulation • Black PVC Jacket**

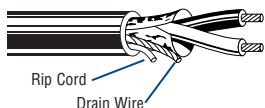
|                                                                                       |             |   |    |      |       |      |      |      |      |      |      |     |     |      |       |
|---------------------------------------------------------------------------------------|-------------|---|----|------|-------|------|------|------|------|------|------|-----|-----|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>9489</b> | 1 | E2 | 1000 | 304.8 | 88.0 | 39.9 | .045 | 1.14 | .380 | 9.65 | 170 | 756 | 3.75 | 95.25 |
|---------------------------------------------------------------------------------------|-------------|---|----|------|-------|------|------|------|------|------|------|-----|-----|------|-------|

**Overall Beldfoil® Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket**

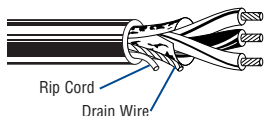
|                                                                                       |             |   |    |             |                |               |              |      |      |      |      |     |      |      |       |
|---------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|---------------|--------------|------|------|------|------|-----|------|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>9344</b> | 1 | E2 | 500<br>1000 | 152.4<br>304.8 | 54.0<br>111.0 | 24.5<br>50.4 | .045 | 1.14 | .384 | 9.75 | 253 | 1125 | 3.75 | 95.25 |
|---------------------------------------------------------------------------------------|-------------|---|----|-------------|----------------|---------------|--------------|------|------|------|------|-----|------|------|-------|

**12 AWG Pairs** Stranded (7x20) Bare Copper Conductors • Twisted Pairs**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                                       |              |   |    |       |       |   |   |      |      |      |      |     |      |      |       |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|------|-----|------|------|-------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>3103A</b> | 1 | E1 | Bulk* | Bulk* | — | — | .048 | 1.22 | .380 | 9.65 | 253 | 1125 | 3.80 | 96.52 |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|------|-----|------|------|-------|

**12 AWG Triads** Stranded (7x20) Bare Copper Conductors • Twisted Triads**Overall Beldfoil Shield (100% Coverage) • PVC/Nylon Insulation • Black PVC Jacket** (See chart below for other options)

|                                                                                       |              |   |    |       |       |   |   |      |      |      |       |     |      |      |        |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|-------|-----|------|------|--------|
| NEC: TC, NPLF<br>ICEA S-73-532<br>ICEA S-61-402<br>ICEA T-29-520<br>FT4/IEEE 1202/383 | <b>3104A</b> | 1 | E1 | Bulk* | Bulk* | — | — | .048 | 1.22 | .401 | 10.19 | 315 | 1401 | 4.00 | 101.60 |
|---------------------------------------------------------------------------------------|--------------|---|----|-------|-------|---|---|------|------|------|-------|-----|------|------|--------|



E1, E2 = Refer to Technical Information section for color code.  
Alternate color coding available upon request.

\*Bulk = Check length available for specific construction.

**Conductor, Insulation and Jacket Options\*\***

| To Specify:         |                                                                       |                                       | Bare     | Tinned   | Insulation/Jacket    |
|---------------------|-----------------------------------------------------------------------|---------------------------------------|----------|----------|----------------------|
| <b>1234</b>         | <b>A</b>                                                              | <b>E</b>                              | <b>A</b> | <b>B</b> | PVC-Nylon/PVC        |
| Start with Part No. | Add or replace letter code for desired conductor, insulation & jacket | Add for Exposed Run rating if desired | <b>C</b> | <b>D</b> | XLPE/PVC             |
|                     |                                                                       |                                       | <b>E</b> | <b>F</b> | FRPO/PVC             |
|                     |                                                                       |                                       | <b>G</b> | <b>H</b> | XLPE/TPE             |
|                     |                                                                       |                                       | <b>K</b> | <b>L</b> | TPE/TPE              |
|                     |                                                                       |                                       | <b>M</b> | <b>N</b> | PVC-Nylon/Oil Res II |
|                     |                                                                       |                                       | <b>Q</b> | <b>R</b> | XLPE/CPE             |
|                     |                                                                       |                                       | <b>S</b> | <b>T</b> | XLPE/Haloarrest®     |

\*\*For 1000 and 3000 Series cables only.

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