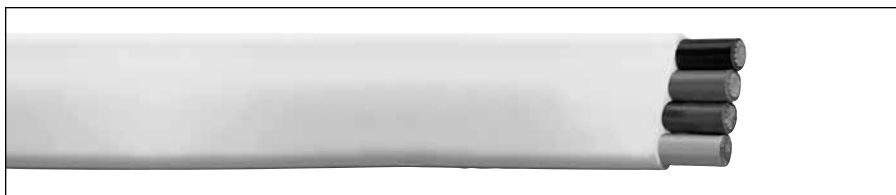


Festoon

PVC/PVC, Thermoplastic Extreme Flexing Festoon Control and Power
600 V, UL/CSA Type Festoon



Product Construction:

Conductor:

- 16 AWG thru 2 AWG fully annealed stranded bare copper per ASTM B3
- Class M - 16 AWG
- Class K - 14 AWG thru 2 AWG
- Stranding per ASTM B8

Insulation:

- Flame-retardant Polyvinyl Chloride (PVC)
- Color-coded per ICEA Method 1, Table E-2 (does not include white or green). All with alpha-numeric designations

Jacket:

- Flame-retardant Polyvinyl Chloride (PVC), yellow or black

Print:

- E-24573 PVC T-XXXXX 105°C 600 V VW-1 (UL)-FESTOON CABLE OUTDOOR XX/C XX/AWG-CSA LL9755 105°C 600 V FT1

Applications:

- Cranes and hoists
- Festooning systems
- Track systems
- Robots
- Conveyors
- Telescoping jetways

Features:

- Rated at 105°C
- Designed for continuous extreme flexing applications
- Anti-coiling in festoon applications
- Small bending radii
- Flat construction allows for stacking
- Oil- and chemical-resistant
- Indoor or outdoor use
- Meets cold bend test at -55°C

Compliances:

- Industry Compliances:**
 - UL listed/CSA certified flat festoon cable
- Flame Test Compliances:**
 - UL VW-1/CSA FT1
- Other Compliances:**
 - EPA 40 CFR, Part 261 for leachable lead content per TCLP method
 - OSHA Acceptable

Packaging:

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

| CATALOG NUMBER | NO. OF COND. | COND. SIZE (AWG) | COND. STRAND | MINIMUM AVG. INSULATION THICKNESS | | MINIMUM AVG. JACKET THICKNESS | | NOMINAL CABLE O.D. | | COPPER WEIGHT | | NET WEIGHT | |
|----------------|--------------|------------------|--------------|-----------------------------------|----|-------------------------------|----|--------------------|----|---------------|-------|-------------|-------|
| | | | | INCHES | mm | INCHES | mm | INCHES | mm | LBS/1000 FT | kg/km | LBS/1000 FT | kg/km |

16 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|----|----|-----|-------|------|-------|------|---------------|-------------|-------|--------|-----|-----|
| ¥245310* | 4 | 16 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.200 x 0.580 | 5.1 x 14.73 | 31.92 | 47.05 | 91 | 135 |
| 419630* | 4 | 16 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.200 x 0.580 | 5.1 x 14.73 | 31.92 | 47.05 | 91 | 135 |
| ¥245320* | 8 | 16 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.200 x 1.110 | 5.1 x 28.20 | 63.84 | 95.00 | 173 | 257 |
| 404010* | 8 | 16 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.200 x 1.110 | 5.1 x 28.20 | 63.84 | 95.00 | 173 | 257 |
| ¥245330* | 12 | 16 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.200 x 1.605 | 5.1 x 40.77 | 95.76 | 142.50 | 253 | 377 |
| 404020* | 12 | 16 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.200 x 1.605 | 5.1 x 40.77 | 95.76 | 142.50 | 253 | 377 |

14 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|----|----|-----|-------|------|-------|------|---------------|--------------|--------|--------|-----|-----|
| ¥245340* | 4 | 14 | 41W | 0.030 | 0.76 | 0.035 | 0.89 | 0.210 x 0.710 | 5.33 x 18.54 | 51.52 | 76.67 | 116 | 173 |
| 404030* | 4 | 14 | 41W | 0.030 | 0.76 | 0.035 | 0.89 | 0.210 x 0.710 | 5.33 x 18.54 | 51.52 | 76.67 | 116 | 173 |
| ¥245350* | 8 | 14 | 41W | 0.030 | 0.76 | 0.035 | 0.89 | 0.210 x 1.175 | 5.33 x 29.85 | 103.04 | 153.33 | 224 | 333 |
| 404090* | 8 | 14 | 41W | 0.030 | 0.76 | 0.035 | 0.89 | 0.210 x 1.175 | 5.33 x 29.85 | 103.04 | 153.33 | 224 | 333 |
| ¥245360* | 12 | 14 | 41W | 0.030 | 0.76 | 0.035 | 0.89 | 0.210 x 1.700 | 5.33 x 43.18 | 154.56 | 230.00 | 330 | 491 |
| 403990* | 12 | 14 | 41W | 0.030 | 0.76 | 0.035 | 0.89 | 0.210 x 1.700 | 5.33 x 43.18 | 154.56 | 230.00 | 330 | 491 |

12 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|---|----|-----|-------|------|-------|------|---------------|--------------|--------|--------|-----|-----|
| ¥245370* | 4 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 0.710 | 5.84 x 18.54 | 83.04 | 123.57 | 160 | 238 |
| 404040* | 4 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 0.710 | 5.84 x 18.54 | 83.04 | 123.57 | 160 | 238 |
| ¥245380* | 5 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 0.865 | 5.84 x 21.97 | 103.80 | 154.47 | 195 | 290 |
| 238800* | 5 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 0.865 | 5.84 x 21.97 | 103.80 | 154.47 | 195 | 290 |
| ¥365680* | 7 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 1.340 | 5.84 x 34.04 | 145.32 | 216.25 | 271 | 403 |
| 404080* | 7 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 1.340 | 5.84 x 34.04 | 145.32 | 216.25 | 271 | 403 |
| ¥245390* | 8 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 1.650 | 5.84 x 41.91 | 166.08 | 247.14 | 307 | 457 |
| 404330* | 8 | 12 | 65W | 0.030 | 0.76 | 0.035 | 0.89 | 0.230 x 1.650 | 5.84 x 41.91 | 166.08 | 247.14 | 307 | 457 |

10 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|---|----|------|-------|------|-------|------|---------------|--------------|--------|--------|-----|-----|
| ¥245400* | 4 | 10 | 105W | 0.030 | 0.76 | 0.045 | 1.14 | 0.270 x 0.880 | 6.86 x 22.35 | 132.32 | 196.91 | 241 | 359 |
| 404000* | 4 | 10 | 105W | 0.030 | 0.76 | 0.045 | 1.14 | 0.270 x 0.880 | 6.86 x 22.35 | 132.32 | 196.91 | 241 | 359 |

8 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|---|---|------|-------|------|-------|------|---------------|--------------|--------|--------|-----|-----|
| ¥245410* | 4 | 8 | 168W | 0.045 | 1.14 | 0.045 | 1.14 | 0.365 x 1.190 | 9.27 x 30.23 | 212.40 | 316.07 | 405 | 603 |
| 406320* | 4 | 8 | 168W | 0.045 | 1.14 | 0.045 | 1.14 | 0.365 x 1.190 | 9.27 x 30.23 | 212.40 | 316.07 | 405 | 603 |

6 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|---|---|------|-------|------|-------|------|---------------|---------------|--------|--------|-----|------|
| ¥245420* | 4 | 6 | 266W | 0.060 | 1.52 | 0.045 | 1.14 | 0.430 x 1.450 | 10.92 x 36.83 | 332.88 | 495.36 | 612 | 911 |
| 404050* | 4 | 6 | 266W | 0.060 | 1.52 | 0.045 | 1.14 | 0.430 x 1.450 | 10.92 x 36.83 | 332.88 | 495.36 | 612 | 911 |
| ¥332010* | 5 | 6 | 266W | 0.060 | 1.52 | 0.045 | 1.14 | 0.430 x 1.735 | 10.92 x 44.07 | 416.10 | 619.20 | 747 | 1112 |
| 434680* | 5 | 6 | 266W | 0.060 | 1.52 | 0.045 | 1.14 | 0.430 x 1.735 | 10.92 x 44.07 | 416.10 | 619.20 | 747 | 1112 |

4 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|---|---|------|-------|------|-------|------|---------------|---------------|--------|--------|-----|------|
| ¥245440* | 4 | 4 | 420W | 0.060 | 1.52 | 0.045 | 1.14 | 0.490 x 1.690 | 12.45 x 42.93 | 560.00 | 833.34 | 750 | 1116 |
| 404060* | 4 | 4 | 420W | 0.060 | 1.52 | 0.045 | 1.14 | 0.490 x 1.690 | 12.45 x 42.93 | 560.00 | 833.34 | 750 | 1116 |

2 AWG CONDUCTORS

| | | | | | | | | | | | | | |
|----------|---|---|------|-------|------|-------|------|---------------|---------------|--------|---------|------|------|
| ¥245450* | 4 | 2 | 665W | 0.060 | 1.52 | 0.045 | 1.14 | 0.560 x 1.955 | 14.23 x 49.66 | 852.00 | 1267.86 | 1273 | 1894 |
| 404070* | 4 | 2 | 665W | 0.060 | 1.52 | 0.045 | 1.14 | 0.560 x 1.955 | 14.23 x 49.66 | 852.00 | 1267.86 | 1273 | 1894 |

Dimensions and weights are nominal; subject to industry tolerances.

* Non-stock item; minimum runs apply. Please consult Customer Service for price and delivery.

¥ Indicates black jacketed cables.



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