

# PVC FLAT FESTOON CABLE

-40°C TO 105°C - UL AND CSA

## Construction

### Conductors:

- Extra flexible stranding, soft drawn uncoated copper per ASTM B-3, ASTM B-172, UL-62 and CSA Bulletin 147.

### Insulation:

- Color coded, flame and oil-resistant 105°C PVC per UL-62 (CSA FT-1 Flame Rated).

### Jacket:

- Available in either yellow or black flame and oil-resistant PVC UL VW-1 and CSA FT-1. Part numbers shown are black. Please specify yellow when ordering.

### Applications:

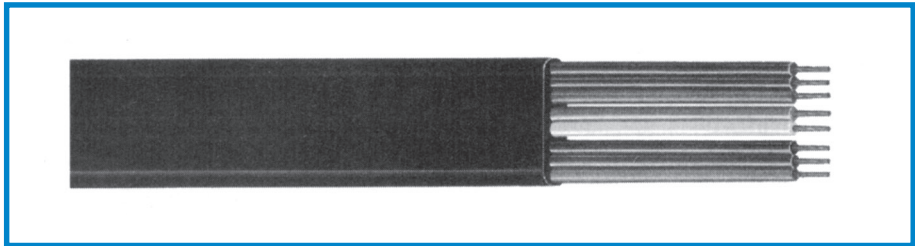
- Primarily designed for use with festoon systems for the conveyance of electrical power and control to cranes, hoists, or any equipment which travels with a lateral traversing motion. Cables can also be used where space is at a premium, since it can be stacked; or where extreme flexing is a requirement, recommended bend radius of three to five times cable diameter. PVC Festoon Cables are suitable for either indoor or outdoor applications operating at -40°C to 105°C. However, they are not recommended for severe flexing or impact at temperatures below -10°C. For severe flexing applications below -10°C specify Neoprene Festoon Cables.
- Five conductor black PVC cables are widely used in convention halls and exhibit centers as under carpet cables for distribution and booth lighting.

### Features:

- Easy stacking of multiple cables in smaller space.
- Enhanced stability in outdoor applications against crosswinds.
- Maintains cable integrity.
- Reduces conductor stress and increases Flex-Life.
- Easy jacket stripping.

### Industry Approvals:

- UL Listed and CSA Certified 600 Volts -40°C to 105°C.



| CUSTOM CATALOG NUMBER  | SIZE    | NUMBER OF COND'S | STRAND | NOMINAL INSULATION THICKNESS | NOMINAL O.D. (INCHES) | CURRENT (AMPS) | NOMINAL WEIGHT |
|--|---------|------------------|--------|------------------------------|-----------------------|----------------|----------------|
|  | AWG/MCM |                  |        |                              |                       |                | LBS/MFT        |
| 39390  | 16      | 4                | 65/34  | 0.030                        | 0.225x0.630           | 17             | 108            |
| 39391  | 16      | 8                | 65/34  | 0.030                        | 0.225x1.170           | 15             | 194            |
| 39392  | 16      | 12               | 65/34  | 0.030                        | 0.225x1.700           | 15             | 292            |
| 39393  | 14      | 4                | 105/34 | 0.030                        | 0.240x0.690           | 20             | 138            |
| 39394  | 14      | 8                | 105/34 | 0.030                        | 0.240x1.290           | 18             | 254            |
| 39395  | 14      | 12               | 105/34 | 0.030                        | 0.240x1.825           | 18             | 380            |
| 39396  | 12      | 4                | 65/30  | 0.030                        | 0.260x0.800           | 25             | 180            |
| 39397  | 12      | 8                | 65/30  | 0.030                        | 0.260x1.440           | 22             | 343            |
| 39398  | 10      | 4                | 105/30 | 0.030                        | 0.290x0.890           | 32             | 239            |
| 39399  | 8       | 4                | 168/30 | 0.045                        | 0.375x1.225           | 45             | 401            |
| 39400  | 6       | 4                | 259/30 | 0.060                        | 0.435x1.490           | 60             | 620            |
| 39401  | 4       | 4                | 413/30 | 0.060                        | 0.515x1.750           | 78             | 896            |
| 39402  | 2       | 4                | 665/30 | 0.060                        | 0.575x1.975           | 104            | 1278           |
| <b>FIVE CONDUCTOR FLAT CABLE (CONVENTION CENTER TYPES)</b>         |         |                  |        |                              |                       |                |                |
| 39430  | 12      | 5                | 65/30  | 0.030                        | 0.260x0.990           | 22             | 230            |
| 39431  | 10      | 5                | 105/30 | 0.030                        | 0.290x1.150           | 32             | 330            |
| 39432  | 6       | 5                | 259/30 | 0.060                        | 0.450x1.920           | 60             | 800            |
| 39433  | 4       | 5                | 413/30 | 0.060                        | 0.515x2.175           | 78             | 1170           |
| 39434  | 2       | 5                | 665/30 | 0.060                        | 0.575x2.550           | 104            | 1760           |
| <b>SHIELDED FLAT CABLE (EACH CONDUCTOR HAS T. C. BRAID SHIELD)</b> |         |                  |        |                              |                       |                |                |
| 39440  | 16      | 4                | 65/34  | 0.030                        | 0.250x0.800           | 17             | 162            |
| 39441  | 16      | 8                | 65/34  | 0.030                        | 0.260x1.440           | 15             | 322            |
| 39442  | 16      | 12               | 65/34  | 0.030                        | 0.260x2.125           | 15             | 456            |
| 39443  | 14      | 12               | 105/34 | 0.030                        | 0.270x2.200           | 18             | 521            |

Note: Also available in European specifications.

| FLAT-FLEX® COLOR CODE |            |              |                  |            |              | FIVE CONDUCTOR COLOR CODE |            |                  |            |
|-----------------------|------------|--------------|------------------|------------|--------------|---------------------------|------------|------------------|------------|
| Conductor Number      | Base Color | Stripe Color | Conductor Number | Base Color | Stripe Color | SIZES 12-10 AWG           |            | SIZES 6-2 AWG    |            |
|                       |            |              |                  |            |              | Conductor Number          | Base Color | Conductor Number | Base Color |
| 1                     | Black      | —            | 7                | Red        | Black        | 1                         | Black      | 1                | Orange     |
| 2                     | Red        | —            | 8                | Blue       | Black        | 2                         | White      | 2                | Yellow     |
| 3                     | Blue       | —            | 9                | Orange     | Black        | 3                         | Green      | 3                | Green      |
| 4                     | Orange     | —            | 10               | Yellow     | Black        | 4                         | Red        | 4                | Grey       |
| 5                     | Yellow     | —            | 11               | Brown      | Black        | 5                         | Blue       | 5                | Brown      |
| 6                     | Brown      | —            | 12               | Black      | Red          |                           |            |                  |            |

The data herein is approximate and subject to normal manufacturing tolerances. These specifications are subject to change without notice.

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