

# INSTRUMENTATION CABLE

600 VOLT - 90°C - PAIRS - INDIVIDUAL & OVERALL SHIELD (SPOS)

## Construction

### Conductor:

- 7 strand bare copper.

### Insulation:

- PVC plus 0.004" nylon.

### Indiv. Shield:

- Aluminum/polyester tape.

### Drain Wire:

- 7 str. tinned Cu (#18 AWG - #20), (#16 AWG - #18), (#14 AWG - #16).

### Tape:

- Polyester.

### Comm. Wire:

- #18 AWG 7 str. bare copper insulated with 0.015" orange PVC.

### Overall Shield:

- Aluminum/polyester tape.

### Drain Wire:

- 7 str. tinned copper.

### Rip Cord:

- Nylon.

### Jacket:

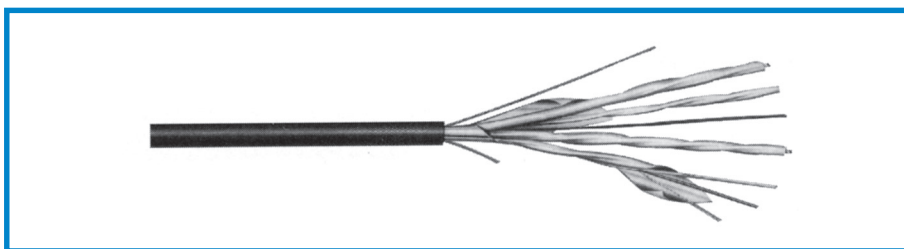
- PVC.

### Color Code:

- Black and White plus each conductor is numbered.

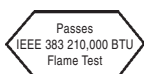
### Application:

- Process instrumentation requiring multi-pairs or triads - Tray cable.
- Advantages: Individual shielding and twisting pairs and triads plus overall shield provides maximum electrostatic and electromagnetic interference rejection.



| CUSTOM CATALOG NUMBER | SIZE    | NO. OF PAIRS | STRAND | NOMINAL THICKNESS (INCHES) |        | NOMINAL O.D. | NOMINAL WEIGHT |
|-----------------------|---------|--------------|--------|----------------------------|--------|--------------|----------------|
|                       | AWG/MCM |              |        | INSULATION                 | JACKET | INCHES       | LBS/MFT        |
| 4802                  | 18      | 2            | 7      | 0.016                      | 0.055  | 0.470        | 87             |
| 4804                  | 18      | 4            | 7      | 0.016                      | 0.055  | 0.520        | 140            |
| 4808                  | 18      | 8            | 7      | 0.016                      | 0.066  | 0.720        | 248            |
| 4810                  | 18      | 10           | 7      | 0.016                      | 0.066  | 0.790        | 305            |
| 4812                  | 18      | 12           | 7      | 0.016                      | 0.066  | 0.840        | 360            |
| 4814                  | 18      | 16           | 7      | 0.016                      | 0.089  | 0.960        | 454            |
| 4816                  | 18      | 20           | 7      | 0.016                      | 0.089  | 1.050        | 560            |
| 4818                  | 18      | 24           | 7      | 0.016                      | 0.089  | 1.200        | 670            |
| 4820                  | 18      | 36           | 7      | 0.016                      | 0.089  | 1.400        | 918            |
| 4825                  | 18      | 50           | 7      | 0.016                      | 0.089  | 1.590        | 1264           |
| 4832                  | 16      | 2            | 7      | 0.016                      | 0.055  | 0.505        | 114            |
| 4834                  | 16      | 4            | 7      | 0.016                      | 0.066  | 0.580        | 189            |
| 4838                  | 16      | 8            | 7      | 0.016                      | 0.066  | 0.790        | 346            |
| 4840                  | 16      | 10           | 7      | 0.016                      | 0.089  | 0.910        | 410            |
| 4842                  | 16      | 12           | 7      | 0.016                      | 0.089  | 0.960        | 486            |
| 4844                  | 16      | 16           | 7      | 0.016                      | 0.089  | 1.050        | 643            |
| 4846                  | 16      | 20           | 7      | 0.016                      | 0.089  | 1.170        | 785            |
| 4848                  | 16      | 24           | 7      | 0.016                      | 0.089  | 1.320        | 930            |
| 4850                  | 16      | 36           | 7      | 0.016                      | 0.089  | 1.500        | 1328           |
| 4855                  | 16      | 50           | 7      | 0.016                      | 0.089  | 1.800        | 1755           |
| 4862                  | 14      | 2            | 7      | 0.021                      | 0.055  | 0.560        | 191            |
| 4864                  | 14      | 4            | 7      | 0.021                      | 0.066  | 0.650        | 306            |
| 4868                  | 14      | 8            | 7      | 0.021                      | 0.089  | 0.880        | 572            |
| 4870                  | 14      | 10           | 7      | 0.021                      | 0.089  | 1.030        | 719            |
| 4872                  | 14      | 12           | 7      | 0.021                      | 0.089  | 1.065        | 864            |
| 4874                  | 14      | 16           | 7      | 0.021                      | 0.089  | 1.190        | 1088           |
| 4876                  | 14      | 20           | 7      | 0.021                      | 0.089  | 1.320        | 1271           |
| 4878                  | 14      | 24           | 7      | 0.021                      | 0.089  | 1.500        | 1513           |
| 4880                  | 14      | 36           | 7      | 0.021                      | 0.089  | 1.680        | 2146           |
| 4885                  | 14      | 50           | 7      | 0.021                      | 0.121  | 2.030        | 3112           |

NOTE: Thermosetting Construction Available Upon Special Request.



# Custom Cable Corp.