# **Detailed Specifications & Technical Data**

### **METRIC MEASUREMENT VERSION**



# 1510C Multi-Conductor - Flexible, CM Rated Cable



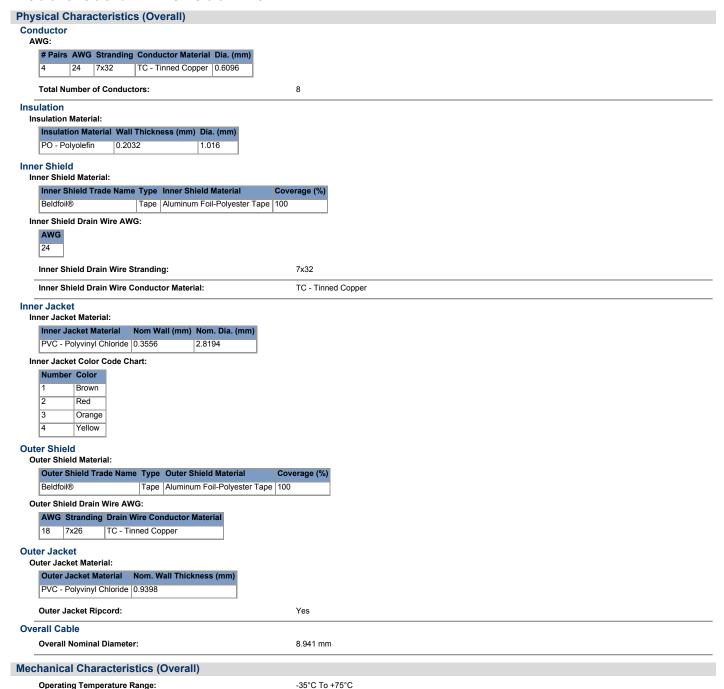
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#### **General Description:**

24 AWG stranded (7x32) TC conductor, polyolefin insulation, individually shielded Beldfoil® (100% coverage) numbered/color-coded PVC jackets, jackets and shields bonded to strip simultaneously, overall Beldfoil shield and 24 AWG TC drain wire.



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| Bulk Cable Weight:                | 96.733 Kg/Km |
|-----------------------------------|--------------|
| Max. Recommended Pulling Tension: | 393.221 N    |
| Min. Bend Radius/Minor Axis:      | 88.900 mm    |

### **Applicable Specifications and Agency Compliance (Overall)**

## **Applicable Standards & Environmental Programs**

| NEC/(UL) Specification:               | CM         |  |
|---------------------------------------|------------|--|
| CEC/C(UL) Specification:              | CM         |  |
| EU Directive 2011/65/EU (ROHS II):    | Yes        |  |
| EU CE Mark:                           | Yes        |  |
| EU Directive 2000/53/EC (ELV):        | Yes        |  |
| EU Directive 2002/95/EC (RoHS):       | Yes        |  |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004 |  |
| EU Directive 2002/96/EC (WEEE):       | Yes        |  |
| EU Directive 2003/11/EC (BFR):        | Yes        |  |
| CA Prop 65 (CJ for Wire & Cable):     | Yes        |  |
| MII Order #39 (China RoHS):           | Yes        |  |
| num/Non-Plenum                        |            |  |
| Plenum (Y/N):                         | No         |  |

## **Electrical Characteristics (Overall)**

Nom. Inductance:

Inductance (µH/m) 0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m) 101.711

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m) 190.298

Nominal Velocity of Propagation:

**VP (%)** 

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km) 76.4473

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:

52.168 Ohm/km

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

1.05 Amps per conductor @ 25°C

### **Put Ups and Colors:**

| Item #        | Putup    | Ship Weight | Color        | Notes | Item Desc                 |
|---------------|----------|-------------|--------------|-------|---------------------------|
| 1510C B591000 | 1,000 FT | 72.000 LB   | BLACK, MATTE | С     | 4 PR #24 PO FS PVC FS PVC |
| 1510C B59500  | 500 FT   | 35.500 LB   | BLACK, MATTE | С     | 4 PR #24 PO FS PVC FS PVC |

## Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 08-22-2012

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