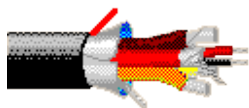


## 1510C Multi-Conductor - Flexible, CM Rated Cable



For more Information  
please call

1-800-Belden1

**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.

**Physical Characteristics (Overall)****Conductor****AWG:**

| # Pairs | AWG | Stranding | Conductor Material | Dia. (in.) |
|---------|-----|-----------|--------------------|------------|
| 4       | 24  | 7x32      | TC - Tinned Copper | .024       |

Total Number of Conductors: 8

**Insulation****Insulation Material:**

| Insulation Material | Wall Thickness (in.) | Dia. (in.) |
|---------------------|----------------------|------------|
| PO - Polyolefin     | .008                 | .040       |

**Inner Shield****Inner Shield Material:**

| Inner Shield Trade Name | Type | Inner Shield Material        | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil®               | Tape | Aluminum Foil-Polyester Tape | 100          |

**Inner Shield Drain Wire AWG:**

| AWG |
|-----|
| 24  |

Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

**Inner Jacket****Inner Jacket Material:**

| Inner Jacket Material    | Nom Wall (in.) | Nom. Dia. (in.) |
|--------------------------|----------------|-----------------|
| PVC - Polyvinyl Chloride | .014           | .111            |

**Inner Jacket Color Code Chart:**

| Number | Color  |
|--------|--------|
| 1      | Brown  |
| 2      | Red    |
| 3      | Orange |
| 4      | Yellow |

**Outer Shield****Outer Shield Material:**

| Outer Shield Trade Name | Type | Outer Shield Material        | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil®               | Tape | Aluminum Foil-Polyester Tape | 100          |

**Outer Shield Drain Wire AWG:**

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 18  | 7x26      | TC - Tinned Copper            |

**Outer Jacket****Outer Jacket Material:**

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

| Outer Jacket Material    | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .037                      |

Outer Jacket Ripcord: Yes

**Overall Cable**

Overall Nominal Diameter: 0.352 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range: -35°C To +75°C

Bulk Cable Weight: 65 lbs/1000 ft.

Max. Recommended Pulling Tension: 88.400 lbs.

Min. Bend Radius/Minor Axis: 3.500 in.

**Applicable Specifications and Agency Compliance (Overall)****Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM

CEC/C(UL) Specification: CM

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

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)****Nom. Inductance:**

Inductance (μH/ft)  
 .18

**Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)  
 31

**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/ft)  
 58

**Nominal Velocity of Propagation:**

VP (%)  
 66

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)  
 23.3

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 15.900 Ohm/1000 ft

**Max. Operating Voltage - UL:**

Voltage  
 300 V RMS

**Max. Recommended Current:**

**1510C Multi-Conductor - Flexible, CM Rated Cable****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 | C     | 4 PR #24 PO FS PVC FS PVC |
| 1510C B59500  | 500 FT   | 35.500 LB   | BLACK, MATTE | C     | 4 PR #24 PO FS PVC FS PVC |

**Notes:**

C = CRATE REEL PUT-UP.

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