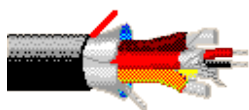


## 1510C Multi-Conductor - Flexible, CM Rated Cable



For more Information  
please call

1-800-Belden1



### 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.

### 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:

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 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

#### 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

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### Max. Recommended Current:

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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