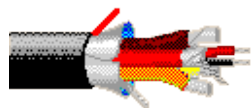


## 1512C Multi-Conductor - Flexible, CM Rated Cable



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.)
8	24	7x32	TC - Tinned Copper	.024

#### 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

#### 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	.033

Outer Jacket Ripcord: Yes

#### Overall Cable

##### Overall Cabling Color Code Chart:

Number	Color
1	Brown

2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray

**Overall Nominal Diameter:** 0.452 in.

**Pair**

**Pair Color Code Chart:**

Color
Red & Black

**Pair Lay Length & Direction:**

Lay Length (in.)	Twists/ft. (twist/ft)
1.750	6.850

### Mechanical Characteristics (Overall)

<b>Operating Temperature Range:</b>	-35°C To +75°C
<b>Bulk Cable Weight:</b>	117 lbs/1000 ft.
<b>Max. Recommended Pulling Tension:</b>	152 lbs.
<b>Min. Bend Radius (Install)/Minor Axis:</b>	4.500 in.

### Applicable Specifications and Agency Compliance (Overall)

**Applicable Standards & Environmental Programs**

<b>NEC/(UL) Specification:</b>	CM
<b>CEC/C(UL) Specification:</b>	CM
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	01/01/2004
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

**Plenum/Non-Plenum**

<b>Plenum (Y/N):</b>	No
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### 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

## 1512C Multi-Conductor - Flexible, CM Rated Cable

**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:**

Current
1.05 Amps per conductor @ 25°C

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1512C B591000	1,000 FT	124.000 LB	BLACK, MATTE	C	8 PR #24 PO FS PVC FS PVC
1512C B59500	500 FT	65.500 LB	BLACK, MATTE	C	8 PR #24 PO FS PVC FS PVC

**Notes:**  
C = CRATE REEL PUT-UP.

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