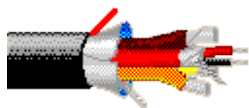


## 1512C Multi-Conductor - Flexible, CM Rated Cable



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

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

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)**

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