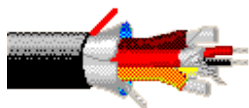


## 1519C Multi-Conductor - Flexible, CM Rated Cable



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.)
52	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

##### Inner Jacket Color Code Chart:

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White
10	Black
11	Tan
12	Pink
13	Gray/Brown
14	Gray/Red
15	Gray/Orange
16	Gray/Yellow

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17	Gray/Green
18	Gray/Blue
19	Gray/Purple
20	Gray/Gray
21	Gray/White
22	Gray/Black
23	Gray/Tan
24	Gray/Pink
25	Blue/Brown
26	Blue/Red
27	Blue/Orange
28	Blue/Yellow
29	Blue/Green
30	Blue/Blue
31	Blue/Purple
32	Blue/Gray
33	Blue/White
34	Blue/Black
35	Blue/Tan
36	Blue/Pink
37	Lime/Brown
38	Lime/Red
39	Lime/Orange
40	Lime/Yellow
41	Lime/Green
42	Lime/Blue
43	Lime/Purple
44	Lime/Gray
45	Lime/White
46	Lime/Black
47	Lime/Tan
48	Lime/Pink
49	Aqua/Brown
50	Aqua/Red
51	Aqua/Orange
52	Aqua/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	.085

Outer Jacket Ripcord: Yes

### Overall Cable

Overall Nominal Diameter: 1.117 in.

### Pair

#### Pair Color Code Chart:

Color
Red and Black

#### Pair Lay Length & Direction:

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

1.750	6.850
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## Mechanical Characteristics (Overall)

Operating Temperature Range:	-35°C To +75°C
Bulk Cable Weight:	661 lbs/1000 ft.
Max. Recommended Pulling Tension:	880.400 lbs.
Min. Bend Radius (Install)/Minor Axis:	11 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. Characteristic Impedance:

Impedance (Ohm)  
50

### 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:

Current

## 1519C Multi-Conductor - Flexible, CM Rated Cable

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
1519C B591000	1,000 FT	731.000 LB	BLACK, MATTE	C	52 PR #24 PO FS PVC FS PVC
1519C B59500	500 FT	372.500 LB	BLACK, MATTE	C	52 PR #24 PO FS PVC FS PVC

**Notes:**

C = CRATE REEL PUT-UP.

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