

1517C Multi-Conductor - Flexible, CM Rated Cable



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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.)
26	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	Lt Gray/Brown
14	Lt Gray/Red
15	Lt Gray/Orange
16	Lt Gray/Yellow

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17	Lt Gray/Green
18	Lt Gray/Blue
19	Lt. Gray/Purple
20	Lt Gray/Gray
21	Lt Gray/White
22	Lt Gray/Black
23	Lt Gray/Tan
24	Lt Gray/Pink
25	Lt Blue/Brown
26	Lt Blue/Red

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	.065

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.823 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:	280.200 lbs/1000 ft.
Max. Recommended Pulling Tension:	451.400 lbs.
Min. Bend Radius (Install)/Minor Axis:	8.250 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

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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:

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
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