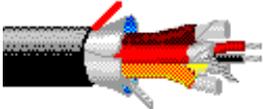


## 1519C Paired - Analog Multi-Pair Snake Cable

	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p>Color Code Chart : No. 7 for Snake Cables.pdf</p>
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**Description:**

24 AWG stranded (7x32) tinned copper conductors, polyolefin insulation, individually shielded pairs(100% coverage), individual PVC jackets are bonded to individual shields so both strip simultaneously, overall Beldfoil® shield and PVC jacket with ripcord

**PHYSICAL CHARACTERISTICS:**

**CONDUCTOR:**

Number of Pairs	52
Total Number of Conductors	104
AWG	24
Stranding	7x32
Conductor Diameter	.024 in.
Conductor Material	TC - Tinned Copper

**INSULATION:**

Insulation Material	PO - Polyolefin
Nom. Insulation Wall Thickness	.008 in.
Insulation Diameter	.040 in.

**PAIR:**

Pair Lay Length	1.75 in.
Pair Twists/ft.	6.85
Pair Shield Material Trade Name	Beldfoil®
Pair Shield Type	Tape
Pair Shield Material	Aluminum Foil-Polyester Tape
Pair Shield % Coverage	100 %

**PAIR SHIELD DRAIN WIRE :**

Pair Shield Drain Wire AWG	24
Pair Shield Drain Wire Stranding	7x32
Pair Shield Drain Wire Conductor Material	TC - Tinned Copper
Pair Color Code Chart	Red & Black

**INNER JACKET:**



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**1519C Paired - Analog Multi-Pair Snake Cable**

Inner Jacket Material	PVC - Polyvinyl Chloride
Inner Jacket Nominal Wall Thickness	.014 in.
Inner Jacket Diameter	.111 in.
Inner Jacket Color Code Chart :	

**1519C Paired - Analog Multi-Pair Snake Cable**

**OUTER SHIELD:**

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

**OUTER SHIELD DRAIN WIRE :**

Outer Shield Drain Wire AWG	18
Outer Shield Drain Wire Stranding	7x26
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.085 in.
Outer Jacket Ripcord	Yes

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	1.117 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-35°C To +75°C
Bulk Cable Weight	544.2 lbs/1000 ft.
Max. Recommended Pulling Tension	880.4 lbs.
Min. Bend Radius (Install)	11 in.

**APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:**

**APPLICABLE STANDARDS:**

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM

**PLENUM/NON-PLENUM:**

Plenum (Y/N)	N
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**ELECTRICAL CHARACTERISTICS:**

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	31 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	58 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	23.3 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	15.9 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	1.05 Amps per conductor @ 25°C
Max. Recommended Current	1.05 Amps per conductor @ 25°C



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**1519C Paired - Analog Multi-Pair Snake Cable**

**PUT-UPS AND COLORS:**

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1519C B591000	52 PR #24 HDPE FS PVC FS PVC	1000	731	BLACK, MATTE	C
1519C B59500	52 PR #24 HDPE FS PVC FS PVC	500	372.5	BLACK, MATTE	C

C = CRATE REEL PUT-UP.

Revision Number: 1      Revision Date: 12-30-2003

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