



1904A Paired - FleXsnake® Super-Flexible, High-Performance Cable

 	<p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p> <p style="text-align: center;">Color Code Chart : No. 7 for Snake Cables.pdf</p>
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Description:

24 AWG stranded (41x40) bare copper conductor, polyolefin insulation, individually shielded with double serve “French Braid” (93% coverage), TC drain wire, numbered/color-coded PVC jackets, overall Black PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	4
Total Number of Conductors	8
AWG	24
Stranding	41x40
Conductor Diameter	.0225 in.
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PO - Polyolefin
Nom. Insulation Wall Thickness	.008 in.
Insulation Diameter	.040 in.
Lay Length	1.0 in.
Twists/ft.	12

Pair Color Code Chart :

Number	Color
1	Red & Black

INNER SHIELD:

Inner Shield Type	French Braid
Inner Shield Material	BC - Bare Copper
Inner Shield % Coverage	95 %
Inner Shield Drain Wire AWG	24
Inner Shield Drain Wire Stranding	19x26
Inner Shield Drain Wire Conductor Material	TC - Tinned Copper



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INNER JACKET:

Inner Jacket Material	PVC - Polyvinyl Chloride
Inner Jacket Nominal Wall Thickness	.014 in.
Inner Jacket Diameter	.119 in.

Inner Jacket Color Code Chart :

Number	Color	Number	Color
1	Brown	3	Orange
2	Red	4	Yellow

OUTER SHIELD:

Outer Shield Material	Unshielded
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OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.043 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.372 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
Bulk Cable Weight	69 lbs/1000 ft.
Max. Recommended Pulling Tension	120 lbs.
Min. Bend Radius (Install)	3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

EU CE Mark (Y/N)	No
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	60 Ohms
Nom. Inductance	.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	26.1 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	47.5 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	25.5 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	7.2 Ohms/1000 ft



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Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	1.05 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
1904A B591000	4 #24 JKTD PR PVC	1000	78	BLACK, MATTE	C
1904A B59250	4 #24 JKTD PR PVC	250	23.25	BLACK, MATTE	C
1904A B59500	4 #24 JKTD PR PVC	500	40.5	BLACK, MATTE	C

C = CRATE REEL PUT-UP.

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