

1902A Multi-Conductor - FlexSnake® Super-Flexible, High-Performance Cable



For more Information
please call

1-800-Belden1

**General Description:**

24 AWG stranded (41x40) bare copper conductor, polyolefin insulation, individually shielded with double serve "French Braid" (95% coverage), TC drain wire, numbered/color-coded PVC jackets, overall Black PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
2	24	41x40	BC - Bare Copper	.0225

Total Number of Conductors:

4

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
PO - Polyolefin	0.040

Inner Shield

Inner Shield Material:

Type	Inner Shield Material	Coverage (%)
French Braid	BC - Bare Copper	95

Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding:

19x26

Inner Shield Drain Wire Conductor Material:

TC - Tinned Copper

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	0.119

Inner Jacket Color Code Chart:

Number	Color
1	Brown
2	Red

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter:

0.330 in.

Pair

Pair Color Code Chart:

Number	Color
1	Red & Black

Mechanical Characteristics (Overall)

Operating Temperature Range:

-20°C To +60°C

Bulk Cable Weight:

48 lbs/1000 ft.

Max. Recommended Pulling Tension:

58 lbs.

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Min. Bend Radius/Minor Axis:	3.500 in.
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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	No
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
MIL Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

60

Nom. Inductance:

Inductance (µH/ft)

.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

26.1

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

47.5

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

25.5

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	7.200 Ohm/1000 ft
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Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

1.05 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
1902A B591000	1,000 FT	53.000 LB	BLACK, MATTE	C	2#24 JKTD PR PVC
1902A B59250	250 FT	13.750 LB	BLACK, MATTE	C	2#24 JKTD PR PVC
1902A B59500	500 FT	27.500 LB	BLACK, MATTE		2#24 JKTD PR PVC

Notes:

C = CRATE REEL PUT-UP.

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