

1924A Multi-Conductor - FleXsnake® Super-Flexible, High-Performance Cable



For more Information
please call

1-800-Belden1

**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 (Overall)**Conductor****AWG:**

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

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PO - Polyolefin	.008	.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 Wall (in.)	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.014	.119

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

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.090

Overall Cable

Overall Nominal Diameter: 0.825 in.

Pair**Pair Color Code Chart:**

Color
Red and Black

Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
1.000	12.000

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +60°C
Bulk Cable Weight:	397 lbs/1000 ft.
Max. Recommended Pulling Tension:	700 lbs.
Min. Bend Radius (Install)/Minor Axis:	8.250 in.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

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

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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

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
1924A B59500	500 FT	214.500 LB	BLACK, MATTE	C	24 #24 JKTED PR PVC

Notes:

C = CRATE REEL PUT-UP.

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