

1908A 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" (93% coverage), TC drain wire, numbered/color-coded PVC jackets, overall Black PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
16	8	24	41x40	BC - Bare Copper	.023

Total Number of Conductors: 16

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

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Cabling Color Code Chart:

Color
7

Overall Nominal Diameter: 0.482 in.

Pair

Pair Color Code Chart:

Color
Red and Black

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +60°C

Bulk Cable Weight: 130 lbs/1000 ft.

Max. Recommended Pulling Tension: 230 lbs.

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Min. Bend Radius/Minor Axis: 5 in.

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

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

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
1908A B591000	1,000 FT	138.000 LB	BLACK, MATTE	C	8 #24 JKTD PR PVC
1908A B59250	250 FT	36.000 LB	BLACK, MATTE		8 #24 JKTD PR PVC
1908A B59500	500 FT	72.500 LB	BLACK, MATTE		8 #24 JKTD PR PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 10-04-2012

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