

1912A 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:**

# Pairs	AWG	Stranding	Conductor Material	Dia. (mm)
12	24	41x40	BC - Bare Copper	0.5715

Total Number of Conductors: 24

Insulation**Insulation Material:**

Insulation Material	Dia. (mm)
PO - Polyolefin	1.016

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. (mm)
PVC - Polyvinyl Chloride	3.023

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

Outer Shield**Outer Shield Material:**

1912A Multi-Conductor - FleXnake® Super-Flexible, High-Performance Cable

Outer Shield Material

Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material

PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 15.291 mm

Pair

Pair Color Code Chart:

Color

Red and Black

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 278.293 Kg/Km

Max. Recommended Pulling Tension: 1556.870 N

Min. Bend Radius/Minor Axis: 152.400 mm

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

MII 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/m)

0.59058

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

85.6341

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

155.848

Nominal Velocity of Propagation:

VP (%)

66

1912A Multi-Conductor - FleXnake® Super-Flexible, High-Performance Cable

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
83.6655

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C: 23.623 Ohm/km

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
1912A B591000	1,000 FT	202.000 LB	BLACK, MATTE	C	12#24 JKTD PR PVC
1912A B59250	250 FT	51.750 LB	BLACK, MATTE		12#24 JKTD PR PVC
1912A B59500	500 FT	102.500 LB	BLACK, MATTE		12#24 JKTD PR PVC

Notes:

C = CRATE REEL PUT-UP.

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

© 2019 Belden, Inc
 All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.