



**1912A Paired - FleXsnake® Super-Flexible, High-Performance Cable**

 	<p>For more information please call <b>1-800-Belden1</b></p> <p><u>See Put-ups and Colors</u></p> <p><b>Color Code Chart : No. 7 for Snake Cables.pdf</b></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	12
Total Number of Conductors	24
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	Red and 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

**INNER JACKET:**

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

Inner Jacket Color Code Chart :

Number	Color	Number	Color
1	Brown	7	Purple
2	Red	8	Gray
3	Orange	9	White
4	Yellow	10	Black
5	Green	11	Tan
6	Blue	12	Pink

**OUTER SHIELD:**

Outer Shield Material	Unshielded
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**OUTER JACKET:**

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.062 in.

**OVERALL NOMINAL DIAMETER:**

Overall Nominal Diameter	.602 in.
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**MECHANICAL CHARACTERISTICS:**

Operating Temperature Range	-20°C To +60°C
Bulk Cable Weight	177 lbs/1000 ft.
Max. Recommended Pulling Tension	350 lbs.
Min. Bend Radius (Install)	4.75 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



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Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	7.2 Ohms/1000 ft
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
1912A B591000	12#24 JKTD PR PVC	1000	202	BLACK, MATTE	C
1912A B59250	12#24 JKTD PR PVC	250	51.75	BLACK, MATTE	
1912A B59500	12#24 JKTD PR PVC	500	102.5	BLACK, MATTE	

C = CRATE REEL PUT-UP.

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