

ENGLISH MEASUREMENT VERSION

## 1901A Multi-Conductor - Microphone and Musical Instrument Cables

For more Information  
please call

1-800-Belden1

**Description**

24 AWG stranded (41x40) high-conductivity bare copper conductors, polyolefin insulation, bare copper "French Braid" shield (95% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

**Physical Characteristics (Overall):****Conductor:**

AWG

# Pairs	AWG	Stranding	Conductor Material	Dia. (in. )
1.000	24	41x40	High Conductivity BC - Bare Copper	0.023

Total Number of Conductors 2

**Insulation:**

Insulation Material

Ins Material	Wall Thickness (in. )	Dia. (in. )
PO - Polyolefin	0.008	0.040

**Outer Shield:**

Outer Shield Material

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

Outer Shield Drain Wire AWG

AWG	Stranding	Drain Wire Conductor Material
24	19x26	TC - Tinned Copper

**Outer Jacket:**

Outer Jacket Material

Outer Jacket Material	Nom. Wall Thickness (in. )
PVC - Polyvinyl Chloride	0.023

**Overall Cabling:**

Overall Nominal Diameter: 0.138 in.

**Pair:**

Pair Color Code Chart

Number	Color
1	Black & Red

Pair Lay Length &amp; 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: 14 lbs/1000 ft.

Max. Recommended Pulling Tension: 29 lbs.

Min. Bend Radius (Install): 1.250 in.

**Applicable Specifications and Agency Compliance (Overall):****Plenum/Non-Plenum:**

Plenum (Y/N) N

**Electrical Characteristics (Overall):**

Nom. Characteristic Impedance

Impedance (Ohm )
60

Nom. Inductance

Inductance (µH/ft )

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Nom. Capacitance Conductor to Conductor	0.180
	<b>Capacitance (pF/ft)</b>
	26.100
Nom. Capacitance Cond. to Other Conductor & Shield	
	<b>Capacitance (pF/ft)</b>
	47.500
Nominal Velocity of Propagation	
	<b>VP (%)</b>
	66
Nom. Conductor DC Resistance	
	<b>DCR @ 20°C (Ohm/1000 ft)</b>
	25.500
Max. Operating Voltage - Non-UL	
	<b>Voltage</b>
	300 V RMS
Max. Recommended Current	
	<b>Current</b>
	1.05 Amps per conductor @ 25°C
Nominal Outer Shield DC Resistance	
	<b>DCR @ 20°C (Ohm/1000 ft)</b>
	7.200

**Notes (Overall):**

Notes For cross-connect use with FleXsnake® Audio Snake Cables.

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