

9302 Paired - Audio, Control and Instrumentation Cable

	<p style="text-align: center;">For more information please call 1-800-Belden1</p> <p style="text-align: center;"><u>See Put-ups and Colors</u></p> <p style="text-align: center;">Color Code Chart : No. 3 for Paired Cables (Belden Standard).pdf</p>
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Description:

22 AWG solid tinned copper conductors, twisted pairs, PVC insulated, overall 100% Beldfoil® shield, 22 AWG stranded tinned copper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	22
Stranding	Solid
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.013 in.

PAIR:

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	2	Black & White

OUTER SHIELD:

Outer Shield Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

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Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.032 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.244 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
Temperature Rating	80°C
Bulk Cable Weight	27.3 lbs/1000 ft.
Max. Recommended Pulling Tension	31 lbs.
Min. Bend Radius (Install)	2.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	2464

FLAME TEST:

C(UL) Flame Test	FT4
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Inductance	0.2 μH/ft
Nom. Capacitance Conductor to Shield @ 1 KHz	50 pF/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	35 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	16.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	10.5 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Other Maximum Continuous Currents	2.35 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9302 0601000	2 PR #22 PVC FS PVC	1000	30	CHROME	
9302 060500	2 PR #22 PVC FS PVC	500	15.5	CHROME	
9302 060U1000	2 PR #22 PVC FS PVC	U1000	30	CHROME	
9302 060U500	2 PR #22 PVC FS PVC	U500	15	CHROME	



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