

9306 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	6
Total Number of Conductors	12
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	4	Black & Blue
2	Black & White	5	Black & Yellow
3	Black & Green	6	Black & Brown

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

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OUTER JACKET:

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

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.315 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
Temperature Rating	80°C
Bulk Cable Weight	57.7 lbs/1000 ft.
Max. Recommended Pulling Tension	102 lbs.
Min. Bend Radius (Install)	3.2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

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

FLAME TEST:

UL Flame Test	UL1581 Vertical Tray
C(UL) Flame Test	FT4

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	12.5 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Other Maximum Continuous Currents	2.04 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9306 0601000	6 #22 PR SHLD PVC	1000	62	CHROME	C
9306 060500	6 #22 PR SHLD PVC	500	30.5	CHROME	

C = CRATE REEL PUT-UP.



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