

9770 Non-Paired - Audio, Control and Instrumentation Cable

		<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, polypropylene insulation, overall Beldfoil® aluminum-polyester shield (100% coverage), 22 AWG stranded tinned copper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	3
Total Number of Conductors	3
AWG	22
Stranding	7x30
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PP - Polypropylene
Nom. Insulation Wall Thickness	.008 in.

OVERALL CABLING:

Overall Cabling Lay Length	1.50 in.
Overall Cabling Twists/ft.	8

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	3	White
2	Red		

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %
Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	19x34
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.020 in.

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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.145 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +90°C
Bulk Cable Weight	15.6 lbs/1000 ft.
Max. Recommended Pulling Tension	29 lbs.
Min. Bend Radius (Install)	1.5 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

FLAME TEST:

UL Flame Test	UL1685 UL Loading
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	32 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	60 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	16 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	3 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9770 0011000	3 #22 PP SHLD PVC	1000	17	BROWN	C
9770 001500	3 #22 PP SHLD PVC	500	9	BROWN	
9770 001U1000	3 #22 PP SHLD PVC	U1000	18	BROWN	
9770 001U500	3 #22 PP SHLD PVC	U500	9	BROWN	

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 05-25-2005

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