

8771 Non-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>
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Description:

22 AWG stranded (7x30) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® 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	PE - Polyethylene
Nom. Insulation Wall Thickness	.016 in.

OVERALL CABLING:

Overall Cabling Lay Length	1.5 in.
Overall Cabling Twists/ft.	8

Overall Cabling Color Code Chart :

Number	Color	Number	Color
1	Black	3	Clear
2	Red		

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape w/Shorting Fold
Outer Shield % Coverage	100 %
Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.033 in.

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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.199 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2093)
Bulk Cable Weight	21.7 lbs/1000 ft.
Max. Recommended Pulling Tension	36 lbs.
Min. Bend Radius (Install)	2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	UL Style 2093 (300 V 60°C)
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	23 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	41 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	11.7 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2093)
Max. Recommended Current	2.9 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8771 0601000	3 #22 PE FS PVC	1000	24	CHROME	C
8771 06010000	3 #22 PE FS PVC	10000	240	CHROME	C Y
8771 060250	3 #22 PE FS PVC	250	5.5	CHROME	
8771 060500	3 #22 PE FS PVC	500	11	CHROME	
8771 060U1000	3 #22 PE FS PVC	U1000	23	CHROME	

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8771 060U500	3 #22 PE FS PVC	U500	12	CHROME	
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C = CRATE REEL PUT-UP.

Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN. MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.

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