

## 8772 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information  
please call

1-800-Belden1

**General Description:**

20 AWG stranded (7x28) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® shield (100% coverage), 20 AWG stranded tinned copper drain wire, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
3	20	7x28	TC - Tinned Copper

Total Number of Conductors: 3

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)
PE - Polyethylene	0.017

**Outer Shield****Outer Shield Material:**

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

**Outer Shield Drain Wire AWG:**

AWG	Stranding	Drain Wire Conductor Material
20	7x28	TC - Tinned Copper

**Outer Jacket****Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.033

**Overall Cable****Overall Cabling Lay Length & Direction:**

Length (in.)	Direction	Twists (twist/ft)
2.000	Left Hand	6.000

**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	Clear

Overall Nominal Diameter: 0.218 in.

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +60°C
UL Temperature Rating:	60°C (UL AWM Style 2093)
Bulk Cable Weight:	29 lbs/1000 ft.
Max. Recommended Pulling Tension:	45 lbs.
Min. Bend Radius/Minor Axis:	2.250 in.

## 8772 Multi-Conductor - Audio, Control and Instrumentation Cable

## Applicable Specifications and Agency Compliance (Overall)

## Applicable Standards &amp; Environmental Programs

NEC/(UL) Specification:	CM
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NEC Articles:	800
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CEC/C(UL) Specification:	CM
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AWM Specification:	UL Style 2093 (300 V 60°C)
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EU Directive 2011/65/EU (ROHS II):	Yes
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EU CE Mark:	Yes
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EU Directive 2000/53/EC (ELV):	Yes
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EU Directive 2002/95/EC (RoHS):	Yes
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EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004
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EU Directive 2002/96/EC (WEEE):	Yes
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EU Directive 2003/11/EC (BFR):	Yes
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CA Prop 65 (CJ for Wire & Cable):	Yes
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MII Order #39 (China RoHS):	Yes
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## Flame Test

UL Flame Test:	UL1685 UL Loading
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CSA Flame Test:	FT1
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## Suitability

Suitability - Indoor:	Yes
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## Electrical Characteristics (Overall)

## Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
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27
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## Nom. Capacitance Cond. to Other Conductor &amp; Shield:

Capacitance (pF/ft)
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51
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## Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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10.0
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## Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
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8.9
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## Max. Operating Voltage - UL:

Voltage
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300 V RMS
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## Max. Recommended Current:

Description	Current
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10C Temperature Rise	4 Amps per conductor @ 25°C ambient
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## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8772 060U1000	1,000 FT	31.000 LB	CHROME		3 #20 PE FS PVC
8772 060U500	500 FT	16.000 LB	CHROME		3 #20 PE FS PVC
8772 0601000	1,000 FT	31.000 LB	CHROME	C	3 #20 PE FS PVC
8772 060500	500 FT	16.000 LB	CHROME	C	3 #20 PE FS PVC
8772 0605000	5,000 FT	155.000 LB	CHROME		3 #20 PE FS PVC

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**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 3      Revision Date: 08-05-2013

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