

8729 Multi-Conductor - Audio, Control and Instrumentation Cable



For more Information
please call

1-800-Belden1

**General Description:**

22 AWG stranded (19x34) tinned copper conductors, conductors cabled, polyethylene insulation, overall Beldfoil® shield (100% Coverage), 23 AWG and 25 AWG drain wires, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
4	22	19x34	TC - Tinned Copper

Total Number of Conductors: 4

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (mm)
PE - Polyethylene	0.4064

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:

Component	AWG	Stranding	Drain Wire Conductor Material
Contains 3	23	Solid	TCCS - Tinned Copper Covered Steel
Contains 1	25	7x33	TCCS - Tinned Copper Covered Steel

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.2954

Overall Cable**Overall Cabling Color Code Chart:**

Number	Color
1	Black
2	Red
3	Green
4	Clear

Overall Nominal Diameter: 6.528 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +75°C
UL Temperature Rating:	75°C (UL AWM Style 2094)
Bulk Cable Weight:	63.993 Kg/Km
Max. Recommended Pulling Tension:	444.820 N
Min. Bend Radius/Minor Axis:	69.850 mm

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Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CL3, CM
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CEC/C(UL) Specification:	CM
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AWM Specification:	UL Style 2094 (300 V 75°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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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

72.182

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)

137.802

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

45.934

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

40.3563

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2.3 Amps per conductor @ 25°C

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8729 009U1000	305 MT	20.412 KG	WHITE		4 #22 PE SHLD PVC
8729 009U500	152 MT	10.433 KG	WHITE		4 #22 PE SHLD PVC
8729 0091000	305 MT	21.319 KG	WHITE	C	4 #22 PE SHLD PVC
8729 009500	152 MT	10.659 KG	WHITE	C	4 #22 PE SHLD PVC
8729 0095000	1,524 MT	104.327 KG	WHITE		4 #22 PE SHLD PVC

Notes:

C = CRATE REEL PUT-UP.

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