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**8737**



**Multi-Conductor - Single-Pair Cable**

22 AWG stranded (7x30) tinned copper conductors, PVC insulation, twisted pair, tinned copper spiral wrapped shield (85% coverage), PVC jacket.

**For more Information  
Please call**

**1-800-Belden1**



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### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8737 060U1000	1,000 FT	20.000 LB	CHROME		1 PR#22 PVC SHLD PVC
8737 060U500	500 FT	10.500 LB	CHROME		2 #22 PVC SHLD PVC
8737 0601000	1,000 FT	20.000 LB	CHROME	C	1 PR#22 PVC SHLD PVC
8737 060500	500 FT	10.000 LB	CHROME		1 PR#22 PVC SHLD PVC
8737 0605000	5,000 FT	100.000 LB	CHROME	C	1 PR #22 PVC SHLD PVC

**Notes:**

C = CRATE REEL PUT-UP.

### Physical Characteristics (Overall)

#### Conductor

**AWG:**

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	22	7x30	TC - Tinned Copper	.030

**Total Number of Conductors:**

2

#### Insulation

**Insulation Material:**

Insulation Material	Dia. (in.)

PVC - Polyvinyl Chloride .060

## Outer Shield

### Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Spiral Serve	TC - Tinned Copper	85

## Outer Jacket

### Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

## Overall Cable

Overall Nominal Diameter: 0.180 in.

## Pair

### Pair Color Code Chart:

Number	Color
1	Black & Red

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2095)
Bulk Cable Weight:	18 lbs/1000 ft.
Max. Recommended Pulling Tension:	20 lbs.
Min. Bend Radius/Minor Axis:	1.750 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2095 (300 V 80°C)
EU Directive 2011/65/EU (ROHS II):	Yes
EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flame Test

CSA Flame Test: FT4

## Plenum/Non-Plenum

Plenum (Y/N):

No

## Electrical Characteristics (Overall)

### Nom. Characteristic Impedance:

Impedance (Ohm)

49

### Nom. Inductance:

Inductance ( $\mu\text{H}/\text{ft}$ )

0.17

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

40

### Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

70

### Nominal Velocity of Propagation:

VP (%)

66

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

16

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

11.7

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

3 Amps per conductor @ 25°C

Close

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