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please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (mm)
1	22	7x30	TC - Tinned Copper	0.762

Total Number of Conductors: 2

#### Insulation

##### Insulation Material:

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.524

#### 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: 4.572 mm

#### 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: 26.788 Kg/Km

Max. Recommended Pulling Tension: 88.964 N

Min. Bend Radius/Minor Axis: 44.450 mm

### 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
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### Plenum/Non-Plenum

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

### Nom. Characteristic Impedance:

Impedance (Ohm)

49

### Nom. Inductance:

Inductance (µH/m)

0.55777

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

131.24

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

Capacitance (pF/m)

229.67

### Nominal Velocity of Propagation:

VP (%)

66

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

52.496

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

38.3877

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

3 Amps per conductor @ 25°C

## Put Ups and Colors:

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

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 10-03-2012

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