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please call

1-800-Belden1



## Description:

**22 AWG pairs** stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

## Physical Characteristics (Overall)

### Conductor

#### AWG:

# Pairs	AWG	Stranding	Conductor Material
1	22	7x30	TC - Tinned Copper

### Insulation

#### Insulation Material:

Insulation Material	Dia. (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.062

### Outer Shield

#### Outer Shield Material:

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

#### Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
22	7x30		TC - Tinned Copper

### Outer Jacket

#### Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
F-R PVC - Flame Retardant Polyvinyl Chloride	.037

Outer Jacket Ripcord: Yes

## Overall Cabling

Overall Nominal Diameter: **0.201 in.**

### Pair

#### Pair Color Code Chart:

Number	Color
1	Black & Red

#### Pair Lay Length & Direction:

Lay Length (in.)	Twists/ft. (twist/ft)
2.000	6.000

## Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +105°C	
UL Temperature Rating:	105°C	
Bulk Cable Weight:	21 lbs/1000 ft.	
Max. Recommended Pulling Tension:	<b>28 lbs.</b>	
Min. Bend Radius (Install)/Minor Axis:	2 in.	

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (300 V 80°C)
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

UL Flame Test:	UL1685 UL Loading
C(UL) Flame Test:	FT4
IEEE Flame Test:	1202

### Suitability

Suitability - Indoor:	Yes
Suitability - <b>Outdoor:</b>	<b>Yes</b>
Suitability - Burial:	No
Sunlight Resistance:	Yes

### Plenum/Non-Plenum

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

### Nom. Inductance:

Inductance (µH/ft)

.21

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

46

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

15

### Max. Operating Voltage - UL:

Voltage

300 V RMS

### Max. Recommended Current:

Current

3.8 Amps per conductor @ 25°C

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9322 060U1000	1,000 FT	22.000 LB	CHROME		2 #22 PVC SH PVC

## 9322 Multi-Conductor - 300V Power-Limited Tray Cable

9322 060U500	500 FT	11.500 LB	CHROME		2 #22 PVC SH PVC
9322 0605000	5,000 FT	105.000 LB	CHROME		2 #22 PVC SH PVC

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