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please call

1-800-Belden1



### General Description:

22 AWG, 9 pairs, stranded (7x30) tinned copper conductors, PVC insulation, individual Beldfoil® shields, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material
9	22	7x30	TC - Tinned Copper

Total Number of Conductors: 18

#### Insulation

Insulation Material:

Insulation Material	Dia. (mm)
PVC - Polyvinyl Chloride	1.5748

#### Inner Shield

Inner Shield Material:

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

Inner Shield Drain Wire AWG:

AWG
22

Inner Shield Drain Wire Stranding: 7x30

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
PVC - Polyvinyl Chloride	1.3462

Outer Jacket Ripcord: Yes

#### Overall Cable

Overall Nominal Diameter: 13.462 mm

#### Pair

Pair Color Code Chart:

Number	Color
1	Black & Red and Numbered 1
2	Black & Red and Numbered 2
3	Black & Red and Numbered 3
4	Black & Red and Numbered 4
5	Black & Red and Numbered 5
6	Black & Red and Numbered 6
7	Black & Red and Numbered 7
8	Black & Red and Numbered 8
9	Black & Red and Numbered 9

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 215.789 Kg/Km

Max. Recommended Pulling Tension: 711.712 N

Min. Bend Radius/Minor Axis:	127 mm
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### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC(UL) Specification:	CMG, ITC-ER, PLTC-ER
CEC/C(UL) Specification:	CMG
AWM Specification:	UL Style 2464 (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

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

#### Suitability

Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Burial:	Yes
Sunlight Resistance:	Yes

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Surface Printing (Overall)

### Electrical Characteristics (Overall)

#### Nom. Inductance:

Inductance (µH/m)
0.68901

#### Nom. Capacitance Conductor to Shield:

Capacitance (pF/m)
147.645

#### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
85.306

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
49.215

Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C:	249.356 Ohm/km
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#### Max. Operating Voltage - UL:

Voltage
300 V RMS (PLTC)
CMG)
150 V RMS (ITC)

#### Max. Recommended Current:

Current
2.4 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9332 0601000	1,000 FT	154.000 LB	CHROME	C	9 #22 FS PR PVC PVC

## METRIC MEASUREMENT VERSION

### 9332 Multi-Conductor - 300V Power-Limited Tray Cable

9332 060500	500 FT	73.500 LB	CHROME	C	9 #22 FS PR PVC PVC
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**Notes:**

C = CRATE REEL PUT-UP.

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