

## 8332 Multi-Conductor - Low Capacitance Computer Cable for EIA RS-232 Applications

For more Information  
please call

1-800-Belden1



### Description:

24 AWG stranded (7x32) tinned copper conductors, semi-rigid PVC insulation, multi-paired cable with overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Pairs	AWG	Stranding	Conductor Material
2	24	7x32	TC - Tinned Copper

#### Insulation

##### Insulation Material:

Insulation Material
S-R PVC - Semi-Rigid Polyvinyl Chloride

#### Outer Shield

##### Outer Shield Material:

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	65

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

#### Overall Cabling

Overall Nominal Diameter: 6.350 mm

#### Pair

##### Pair Color Code Chart:

Number	Color
1	White/Blue & Blue/White
2	White/Orange & Orange/White

##### Pair Lay Length & Direction:

Lay Length (mm)	Twists/ft. (twist/m)
22.85991	45.934

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-30°C To +80°C
UL Temperature Rating:	80°C (UL AWM Style 2464)
Bulk Cable Weight:	47.622 Kg/Km
Min. Bend Radius (Install)/Minor Axis:	63.500 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification:	CMG
CEC/(UL) Specification:	CMG

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<b>AWM Specification:</b>	UL Style 2464 (300 V 80°C)
<b>CSA Specification:</b>	AWM I A
<b>EU CE Mark:</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	10/01/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

### Flame Test

<b>C(UL) Flame Test:</b>	FT4
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### Plenum/Non-Plenum

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

### Nom. Characteristic Impedance:

Impedance (Ohm)

75

### Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)

98.43

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

Capacitance (pF/m)

164.05

### Nominal Velocity of Propagation:

VP (%)

60

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)

78.744

### Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)

17.7174

### Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2464)

### Max. Recommended Current:

Current

1.8 Amps per conductor @ 25°C

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8332 060100	30 MT	1.860 KG	CHROME		2 PR #24 PVC SHLD PVC
8332 0601000	305 MT	16.783 KG	CHROME	C	2 PR #24 PVC SHLD PVC
8332 060500	152 MT	7.484 KG	CHROME		2 PR #24 PVC SHLD PVC

## METRIC MEASUREMENT VERSION

### 8332 Multi-Conductor - Low Capacitance Computer Cable for EIA RS-232 Applications

**Notes:**

C = CRATE REEL PUT-UP.

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