

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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| | |
|--|----------------------------|
| AWM Specification: | UL Style 2464 (300 V 80°C) |
| CSA Specification: | AWM I A |
| 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): | 10/01/2005 |
| 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

| | |
|--------------------------|-----|
| C(UL) Flame Test: | FT4 |
|--------------------------|-----|

Plenum/Non-Plenum

| | |
|----------------------|----|
| Plenum (Y/N): | No |
|----------------------|----|

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

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Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-16-2008

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Как с нами связаться

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