

9618 Multi-Conductor - Computer Cable for EIA RS-232 Applications

For more Information
please call

1-800-Belden1



Description:

24 AWG stranded (7x32) tinned copper conductors, S-R PVC insulation, overall Beldfoil® (100% coverage), TC braid shield (65% coverage), PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 37 | 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 Cable

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-----------------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Orange |
| 6 | Blue |
| 7 | White/Black |
| 8 | Red/Black |
| 9 | Green/Black |
| 10 | Orange/Black |
| 11 | Blue/Black |
| 12 | Black/White |
| 13 | Red/White |
| 14 | Green/White |
| 15 | Blue/White |
| 16 | Black/Red |
| 17 | White/Red |
| 18 | Orange/Red |
| 19 | Blue/Red |
| 20 | Red/Green |
| 21 | Orange/Green |
| 22 | Black/White/Red |

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| | |
|----|--------------------|
| 23 | White/Black/Red |
| 24 | Red/Black/White |
| 25 | Green/Black/White |
| 26 | Orange/Black/White |
| 27 | Blue/Black/White |
| 28 | Black/Red/Green |
| 29 | White/Red/Green |
| 30 | Red/Black/Green |
| 31 | Green/Black/Orange |
| 32 | Orange/Black/Green |
| 33 | Blue/White/Orange |
| 34 | Black/White/Orange |
| 35 | White/Red/Orange |
| 36 | Orange/White/Blue |
| 37 | White/Red/Blue |

Overall Nominal Diameter: 0.411 in.

Mechanical Characteristics (Overall)

| | |
|---|--------------------------|
| Operating Temperature Range: | -30°C To +80°C |
| UL Temperature Rating: | 80°C (UL AWM Style 2464) |
| Bulk Cable Weight: | 125 lbs/1000 ft. |
| Min. Bend Radius (Install)/Minor Axis: | 4.100 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|--|----------------------------|
| NEC/(UL) Specification: | CMG |
| 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): | 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

| | |
|--------------------------|--------------------|
| UL Flame Test: | UL1685 FT4 Loading |
| C(UL) Flame Test: | FT4 |

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

| |
|----------------------------|
| Capacitance (pF/ft) |
| 30 |

Nom. Capacitance Cond. to Other Conductor & Shield:

| |
|----------------------------|
| Capacitance (pF/ft) |
| 55 |

Nom. Conductor DC Resistance:

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DCR @ 20°C (Ohm/1000 ft)

25

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

4.4

Max. Operating Voltage - UL:

Voltage

300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current

1 Amp 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 |
|--------------|----------|-------------|--------|-------|---------------------|
| 9618 060100 | 100 FT | 13.200 LB | CHROME | | 37 #24 PVC SHLD PVC |
| 9618 0601000 | 1,000 FT | 131.000 LB | CHROME | C | 37 #24 PVC SHLD PVC |
| 9618 060500 | 500 FT | 64.500 LB | CHROME | C | 37 #24 PVC SHLD PVC |

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 05-14-2007

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