

9536 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, conductors cabled, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 6 | 24 | 7x32 | TC - Tinned Copper |

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.254 |

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

| AWG Stranding | Drain Wire | Conductor Material |
|---------------|------------|--------------------|
| 24 | 7x32 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|--------------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.8128 |

Overall Cabling

Overall Cabling Fillers: Cotton filler in center

Overall Cabling Lay Length & Direction:

| Length (mm) |
|-------------|
| 44.449825 |

Overall Cabling Color Code Chart:

| Number | Color |
|--------|-------|
| 1 | Black |
| 2 | White |
| 3 | Red |
| 4 | Green |
| 5 | Brown |
| 6 | Blue |

Overall Nominal Diameter: 5.309 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +80°C

UL Temperature Rating: 80°C (UL AWM Style 2464)

Bulk Cable Weight: 43.009 Kg/Km

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Max. Recommended Pulling Tension: 146.791 N

Min. Bend Radius (Install)/Minor Axis: 53.848 mm

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): | 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

C(UL) Flame Test: FT4

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/m)
108.273

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/m)
213.265

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
82.025

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km)
59.058

Max. Operating Voltage - UL:

Voltage
300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current
1.75 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 |
|---------------|--------|-------------|--------|-------|------------------|
| 9536 060U1000 | 305 MT | 11.793 KG | CHROME | | 6 #24 PVC FS PVC |
| 9536 060U500 | 152 MT | 6.350 KG | CHROME | | 6 #24 PVC FS PVC |
| 9536 060100 | 30 MT | 1.452 KG | CHROME | | 6 #24 PVC FS PVC |
| 9536 0601000 | 305 MT | 12.247 KG | CHROME | C | 6 #24 PVC FS PVC |

METRIC MEASUREMENT VERSION

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| | | | | | |
|--------------|----------|-----------|--------|---|------------------|
| 9536 060500 | 152 MT | 6.124 KG | CHROME | C | 6 #24 PVC FS PVC |
| 9536 0605000 | 1,524 MT | 58.967 KG | CHROME | | 6 #24 PVC FS PVC |

Notes:

C = CRATE REEL PUT-UP.

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