Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION





9515 Multi-Conductor - Computer Cable for EIA RS-232 Applications

For more Information please call

1-800-Belden1



General Description:

24 AWG stranded (7x32) TC conductors, semi-rigid PVC insulation, twisted pairs, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain Wire (continued), PVC jacket.

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Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|---------------------------|
| 15 | 24 | 7x32 | TC - Tinned Copper |

Total Number of Conductors:

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|---|---------------------|
| S-R PVC - Semi-Rigid Polyvinyl Chloride | 0.279 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name Type | | Outer Shield Material | Coverage (%) |
|------------------------------|------|--|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape w/Shorting Fold | 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 | 0.864 |

Overall Cable

Overall Nominal Diameter: 10.592 mm

Pair

Pair Color Code Chart:

| Number | Color |
|--------|----------------|
| 1 | Black & Red |
| 2 | Black & White |
| 3 | Black & Green |
| 4 | Black & Blue |
| 5 | Black & Yellow |
| 6 | Black & Brown |
| 7 | Black & Orange |
| 8 | Red & White |
| 9 | Red & Green |
| 10 | Red & Blue |
| 11 | Red & Yellow |
| 12 | Red & Brown |
| 13 | Red & Orange |
| 14 | Green & White |
| 15 | Green & Blue |

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| Operating Temperature Range: | -30°C To +80°C | | |
|-----------------------------------|--------------------------|--|--|
| Non-UL Temperature Rating: | 80°C (UL AWM Style 2464) | | |
| Bulk Cable Weight: | 126.497 Kg/Km | | |
| Max. Recommended Pulling Tension: | 733.953 N | | |
| Min. Bend Radius/Minor Axis: | 107.950 mm | | |

| NEC/(UL) Specification: | CMG | | |
|---------------------------------------|----------------------------|--|--|
| CEC/C(UL) Specification: | CMG | | |
| AWM Specification: | UL Style 2464 (300 V 80°C) | | |
| CSA Specification: | AWM I A | | |
| 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 | | |
| ame Test | | | |
| UL Flame Test: | UL1685 FT4 Loading | | |

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| UL Flame Test: | UL1685 F14 Loading |
|-------------------|--------------------|
| C(UL) Flame Test: | FT4 |
| | |

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Capacitance Conductor to Conductor:



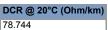
Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:



Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/km) 54.1365

Max. Operating Voltage - UL:



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Max. Recommended Current:

1.1 Amps per conductor @ 25°C

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|-------------------|
| 9515 060100 | 100 FT | 9.400 LB | CHROME | | 15 PR #24 PVC PVC |
| 9515 0601000 | 1,000 FT | 93.000 LB | CHROME | С | 15 PR #24 PVC PVC |
| 9515 060500 | 500 FT | 47.500 LB | CHROME | С | 15 PR #24 PVC PVC |

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 08-31-2012

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