Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



9502 Multi-Conductor - Computer Cable for EIA RS-232 Applications



For more Information please call

1-800-Belden1



General Description:

NEC/(UL) Specification:

CEC/C(UL) Specification:

AWM Specification:

EU CE Mark:

EU Directive 2011/65/EU (ROHS II):

EU Directive 2000/53/EC (ELV):

EU Directive 2002/95/EC (RoHS):

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

Physical Characteristics (Overall) Conductor AWG: # Pairs AWG Stranding Conductor Material 24 7x32 TC - Tinned Copper **Total Number of Conductors:** Insulation Insulation Material: **Insulation Material** Wall Thickness (in.) S-R PVC - Semi-Rigid Polyvinyl Chloride | 0.011 **Outer Shield** Outer Shield Material: Outer Shield Trade Name Type Outer Shield Material Coverage (%) Tape | 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 (in.) PVC - Polyvinyl Chloride 0.032 **Overall Cable Overall Nominal Diameter:** 0.222 in. Pair Pair Color Code Chart: Number Color Black & Red Black & White **Mechanical Characteristics (Overall)** Operating Temperature Range: -30°C To +80°C **UL Temperature Rating:** 80°C (UL AWM Style 2464) 26 lbs/1000 ft **Bulk Cable Weight:** Max. Recommended Pulling Tension: 22 lbs. Min. Bend Radius/Minor Axis: 2.250 in Applicable Specifications and Agency Compliance (Overall) **Applicable Standards & Environmental Programs**

CMG

Yes

Yes

Yes

Yes

UL Style 2464 (300 V 80°C)

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| 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 |
| PMSHA Specification: | SC-7K-182037 |
| Other Specification: | CSA AWM I/II, A |
| Flame Test | |
| UL Flame Test: | UL1685 FT4 Loading |
| CSA Flame Test: | FT4 |
| Suitability | |
| Sunlight Resistance: | Yes |
| Plenum/Non-Plenum | |
| Plenum (Y/N): | No |
| Plenum Number: | 82502 |

Electrical Characteristics (Overall)

Nom. Inductance:



Nom. Capacitance Conductor to Conductor:



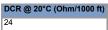
Nom. Capacitance Cond. to Other Conductor & Shield:



Nominal Velocity of Propagation:

VP (%)

Nom. Conductor DC Resistance:



Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

Max. Operating Voltage - UL:

300 V RMS (UL AWM Style 2464)

Max. Recommended Current:

Current 1.76 Amps per conductor @ 25°C

Notes (Overall)

Notes: Pennsylvania Department of Environmental Resources and United States Mine Safety and Health Administration certification.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|-----------|-------------|--------|-------|---------------------|
| 9502 060U1000 | 1,000 FT | 23.000 LB | CHROME | | 2 PR #24 PVC FS PVC |
| 9502 060U500 | 500 FT | 12.000 LB | CHROME | | 2 PR #24 PVC FS PVC |
| 9502 060100 | 100 FT | 2.800 LB | CHROME | | 2 PR #24 PVC FS PVC |
| 9502 0601000 | 1,000 FT | 30.000 LB | CHROME | С | 2 PR #24 PVC FS PVC |
| 9502 06010000 | 10,000 FT | 290.000 LB | CHROME | CY | 4 #24 PVC PVC |
| 9502 060500 | 500 FT | 12.000 LB | CHROME | С | 2 PR #24 PVC FS PVC |
| 9502 0605000 | 5,000 FT | 110.000 LB | CHROME | CZ | 2 PR #24 PVC FS PVC |

Notes:
C = CRATE REEL PUT-UP.
Y = FINAL PUT-UP LENGTH MAY VARY -10% TO +20% FROM LENGTH SHOWN.MAY CONTAIN 2 PIECES. MINIMUM LENGTH OF ANY ONE PIECE IS 1500'.
Z = FINAL PUT-UP LENGTH MAY VARY (+ OR -) 10% FOR SPOOLS OR REELS AND(+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.

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9502 Multi-Conductor - Computer Cable for EIA RS-232 Applications

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