

9931 Non-Paired - Low-Capacitance Computer Cable for EIA RS-232/423



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-54151736
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)



For more information please call
1-800-Belden1

See Put-ups and Colors

Related Documents : No. 1.pdf

Description:

24 AWG stranded (7x32) TC conductors, Datalene® insulation, overall Beldfoil® (100% coverage) + TC braid shield (65% coverage), drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

| | |
|----------------------------|--------------------|
| Number of Conductors | 6 |
| Total Number of Conductors | 6 |
| AWG | 24 |
| Stranding | 7x32 |
| Conductor Material | TC - Tinned Copper |

INSULATION:

| | |
|--------------------------------|-------------------------|
| Insulation Material Trade Name | Datalene® |
| Insulation Material | FPE - Foam Polyethylene |

OVERALL CABLING:

| | |
|----------------------------------|---------------------------------------|
| Overall Cabling Color Code Chart | Black, White, Red, Green, Brown, Blue |
|----------------------------------|---------------------------------------|

OUTER SHIELD:

| | |
|----------------------------------|---------------------|
| Outer Shield Material Trade Name | Beldfoil® (Z-Fold®) |
| Outer Shield Type | Tape/Braid |
| Outer Shield Material : | |

| Layer Number | Material Trade Name | Type | Material | % Coverage (%) |
|--------------|---------------------|-------|------------------------------|----------------|
| 1 | Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 |
| 2 | | Braid | TC - Tinned Copper | 65 |

| | |
|--|--------------------|
| Outer Shield % Coverage | 100 % |
| Outer Shield Drain Wire AWG | 24 |
| Outer Shield Drain Wire Stranding | Stranded |
| Outer Shield Drain Wire Conductor Material | TC - Tinned Copper |

OUTER JACKET:

| | |
|-----------------------|--------------------------|
| Outer Jacket Material | PVC - Polyvinyl Chloride |
|-----------------------|--------------------------|

Detailed Specifications & Technical Data



9931 Non-Paired - Low-Capacitance Computer Cable for EIA RS-232/423

OVERALL NOMINAL DIAMETER:

| | |
|--------------------------|----------|
| Overall Nominal Diameter | .265 in. |
|--------------------------|----------|

MECHANICAL CHARACTERISTICS:

| | |
|-----------------------------|--------------------------|
| Operating Temperature Range | -30°C To +80°C |
| UL Temperature Rating | 80°C (UL AWM Style 2919) |
| Bulk Cable Weight | 41 lbs/1000 ft. |
| Min. Bend Radius (Install) | 2.7 in. |

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

| | |
|---------------------------------------|---------------------------|
| NEC/(UL) Specification | CM |
| CEC/C(UL) Specification | CM |
| AWM Specification | UL Style 2919 (30 V 80°C) |
| EU CE Mark (Y/N) | Yes |
| EU RoHS Compliant (Y/N) | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004 |

FLAME TEST:

| | |
|---------------|-------------------|
| UL Flame Test | UL1685 UL Loading |
|---------------|-------------------|

PLENUM/NON-PLENUM:

| | |
|--------------|---|
| Plenum (Y/N) | N |
|--------------|---|

ELECTRICAL CHARACTERISTICS:

| | |
|---|---|
| Nom. Capacitance Conductor to Conductor @ 1 KHz | 12 pF/ft |
| Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz | 22 pF/ft |
| Nominal Velocity of Propagation | 78 % |
| Nom. Conductor DC Resistance @ 20 Deg. C | 24 Ohms/1000 ft |
| Nominal Outer Shield DC Resistance @ 20 Deg. C | 4.4 Ohms/1000 ft |
| Max. Operating Voltage - UL | 30 V RMS (UL AWM Style 2919), 300 V RMS |
| Max. Recommended Current | 1.5 Amps per conductor @ 25°C |

NOTES:

| | |
|-------|--|
| Notes | Datalene® insulation features include a low dielectric constant and a low dissipation factor for high-speed, low-distortion data handling. Physical properties include good crush resistance and light weight. |
|-------|--|

PUT-UPS AND COLORS:

| Item | Description | Put-Up (ft.) | Ship Weight (lbs.) | Jacket Color | Notes |
|--------------|--------------------|--------------|--------------------|--------------|-------|
| 9931 060100 | 6 #24 FHDPE SH PVC | 100 | 4.2 | CHROME | |
| 9931 0601000 | 6 #24 FHDPE SH PVC | 1000 | 39 | CHROME | C |

Detailed Specifications & Technical Data



9931 Non-Paired - Low-Capacitance Computer Cable for EIA RS-232/423

| | | | | | |
|---------------|-----------------------|-------|------|--------|-----|
| 9931 06010000 | 6 #24 FHDPE SH PVC | 10000 | 410 | CHROME | C Y |
| 9931 060500 | 6 #24 FHDPE SH PVC | 500 | 17.5 | CHROME | C |

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'.

Revision Number: 2 Revision Date: 06-03-2005

© Copyright 2006 Belden, Inc
All Rights Reserved.

Although Belden ("Belden") makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information and belief at the date of its publication. The information provided in the Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-54151736
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)