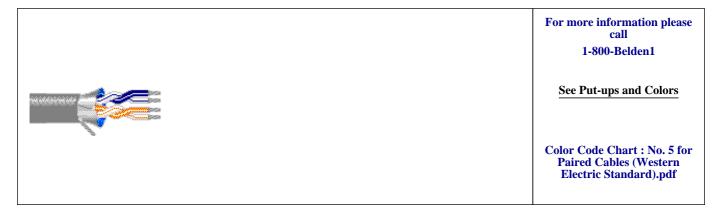


1419A Paired - Low Capacitance Computer Cables for EIA RS-232/422



Description:

24 AWG stranded (7x32) tinned copper conductors, twisted pairs, Datalene® insulation, overall 100% Beldfoil® shield, 24 AWG stranded tinned coppper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

| Number of Pairs | 2 |
|----------------------------|--------------------|
| Total Number of Conductors | 4 |
| AWG | 24 |
| Stranding | 7x32 |
| Conductor Material | TC - Tinned Copper |

INSULATION:

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

Pair Color Code Chart :

| Number | Color | Number | Color |
|--------|-------------------------|--------|-----------------------------|
| 1 | White/Blue & Blue/White | 2 | White/Orange & Orange/White |

OUTER SHIELD:

| Outer Shield Material Trade Name | Beldfoil® |
|--|------------------------------|
| Outer Shield Type | Таре |
| Outer Shield Material | Aluminum Foil-Polyester Tape |
| Outer Shield %Coverage | 100 % |
| OUTER SHIELD DRAIN WIRE : | |
| Outer Shield Drain Wire AWG | 24 |
| Outer Shield Drain Wire Stranding | 7x32 |
| Outer Shield Drain Wire Conductor Material | TC - Tinned Copper |
| OUTER JACKET: | |
| Outer Jacket Material | PVC - Polyvinyl Chloride |



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OVERALL NOMINAL DIAMETER: Overall Nominal Diameter .248 in. **MECHANICAL CHARACTERISTICS:** -20°C To +80°C **Operating Temperature Range** 80°C (UL AWM Style 2919) Non-UL Temperature Rating 24.7 lbs/1000 ft. Bulk Cable Weight Max. Recommended Pulling Tension 22 lbs. Min. Bend Radius (Install) 2.5 in. APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE: **APPLICABLE STANDARDS:** NEC/(UL) Specification CM CM CEC/C(UL) Specification AWM Specification UL Style 2919 (30 V 80°C) FLAME TEST: UL Flame Test UL1581 Vertical Tray C(UL) Flame Test FT1 **PLENUM/NON-PLENUM:** Plenum (Y/N) N **ELECTRICAL CHARACTERISTICS:** Nom. Characteristic Impedance 100 Ohms Nom. Inductance .213 µH/ft Nom. Capacitance Conductor to Conductor @ 1 KHz 13 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 15.1 Ohms/1000 ft Max. Operating Voltage - UL 30 V RMS (UL AWM Style 2919); 300 V RMS Max. Recommended Current 1.8 Amps per conductor @ 25°C NOTES:

Notes

Datalene® insulation features include low dielectric constant and a 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 |
|---------------|--------------------------|--------------|--------------------|--------------|-------|
| 1419A 0601000 | 2 PR #24 FHDPE FS PVC | 1000 | 30 | CHROME | C |



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| 1419A 06010000 | 2 PR #24 FHDPE FS PVC | 10000 | 310 | CHROME | СҮ |
|----------------|--------------------------|-------|------|--------|----|
| | 2 PR #24 FHDPE FS PVC | 500 | 15.5 | | С |

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: 1 Revision Date: 01-30-2004

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