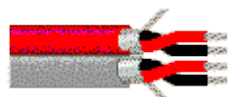


1504A Multi-Conductor - Double-Pair Cable

For more Information
please call

1-800-Belden1



Description:

22 AWG stranded (19x34) TC conductors, PVC insulation, dual twisted pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket in zip-cord construction.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 2 | 22 | 19x34 | TC - Tinned Copper |

Total Number of Conductors: 4

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .010 |

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 24 | 7x30 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .020 |

Overall Cable

Overall Nominal Diameter: 0.143 x 0.286 in.

Pair

Pair Color Code Chart:

| Number | Color |
|--------|-------------|
| 1 | Black & Red |
| 2 | Black & Red |

Pair Lay Length & Direction:

| Lay Length (in.) | Twists (twist/ft) |
|------------------|-------------------|
| 1.750 | 6.860 |

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +60°C

UL Temperature Rating: 60°C

Bulk Cable Weight: 30 lbs/1000 ft.

Max. Recommended Pulling Tension: 25 lbs.

Min. Bend Radius/Minor Axis: 1.500 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|------------|
| NEC/(UL) Specification: | CM |
| CEC/C(UL) Specification: | CM |
| 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): | 10/01/2005 |
| 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

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

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)

45

Nom. Inductance:

Inductance (μ H/ft)

.18

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

57

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

100

Nominal Velocity of Propagation:

VP (%)

66

Nominal Delay:

Delay (ns/ft)

1.5

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

13.7

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

18

Max. Operating Voltage - UL:

Voltage

150 V RMS

Max. Recommended Current:

Current

2.9 Amps per conductor @ 25°C

Notes (Overall)

Notes: The jacket and shield are bonded so both can be removed on automatic stripping equipment. Drain wire is inside foil shield.

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|--------------|-------|-------------------------------|
| 1504A A5QU1000 | 1,000 FT | 32.000 LB | RED & GREEN | | 2 BONDED #22 FS PR PVC FR PVC |
| 1504A A5Q2000 | 2,000 FT | 64.000 LB | RED & GREEN | C | 2 BONDED #22 FS PR PVC FR PVC |
| 1504A G04U1000 | 1,000 FT | 32.000 LB | RED & PURPLE | | 2 BONDED #22 FS PR PVC FR PVC |
| 1504A J77U1000 | 1,000 FT | 32.000 LB | USE 061 | | 2 BONDED #22 FS PR PVC FR PVC |
| 1504A 053U1000 | 1,000 FT | 32.000 LB | RED & GRAY | | 2 BONDED #22 FS PR PVC FR PVC |
| 1504A 0532000 | 2,000 FT | 64.000 LB | RED & GRAY | C | 2 BONDED #22 FS PR PVC FR PVC |

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 04-18-2008

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