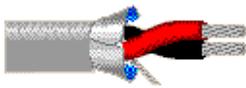


1883A Multi-Conductor - Single-Pair Cable

For more Information
please call

1-800-Belden1



Description:

24 AWG stranded (7x32) TC conductors, polypropylene insulation, twisted pair, overall Beldfoil shield (100% coverage), 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

| # Pairs | AWG | Stranding | Conductor Material | Dia. (in.) |
|---------|-----|-----------|--------------------|------------|
| 1 | 24 | 7x32 | TC - Tinned Copper | .024 |

Insulation

Insulation Material:

| Insulation Material | Dia. (in.) |
|---------------------|------------|
| PP - Polypropylene | .040 |

Outer Shield

Outer Shield Material:

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100.000 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire Conductor Material |
|-----|-----------|-------------------------------|
| 24 | 7x32 | TC - Tinned Copper |

Outer Jacket

Outer Jacket Material:

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

Overall Cabling

Overall Nominal Diameter: 0.123 in.

Pair

Pair Color Code Chart:

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

Pair Lay Length & Direction:

| Lay Length (in.) | Twists/ft. (twist/ft) |
|------------------|-----------------------|
| 1.5 | 8 |

Mechanical Characteristics (Overall)

| | |
|--|-----------------|
| Operating Temperature Range: | -30°C To +60°C |
| Bulk Cable Weight: | 10 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 16 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 1.200 in. |

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

| | |
|---------------------------------------|------------|
| CEC/C(UL) Specification: | CMG |
| EU CE Mark: | No |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (mm/dd/yyyy): | 01/01/2004 |
| 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 |
| CSA Flame Test: | FT4 |

Plenum/Non-Plenum

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

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Impedance (Ohm)

52

Nom. Inductance:Inductance (μ H/ft)

.17

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)

31

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)

58

Nominal Velocity of Propagation:

VP (%)

66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

23.5

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

18.5

Max. Operating Voltage - UL:

Voltage

300 V RMS

Max. Recommended Current:

Current

2 Amps per conductor @ 25°C

Notes (Overall)

Notes: Jacket and shield are bonded so both can be removed with automatic stripping equipment. For cross-connect use with 1408R Snake Cables.

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|----------------|----------|-------------|-------------|-------|-------------------|
| 1883A N3UU1000 | 1,000 FT | 12.000 LB | GREEN, MIL | | 2 #24 PP FS FRPVC |
| 1883A 001U1000 | 1,000 FT | 12.000 LB | BROWN | | 2 #24 PP FS FRPVC |
| 1883A 002U1000 | 1,000 FT | 12.000 LB | RED | | 2 #24 PP FS FRPVC |
| 1883A 006U1000 | 1,000 FT | 12.000 LB | BLUE, LIGHT | | 2 #24 PP FS FRPVC |
| 1883A 007U1000 | 1,000 FT | 12.000 LB | VIOLET | | 2 #24 PP FS FRPVC |
| 1883A 008U1000 | 1,000 FT | 12.000 LB | GRAY | | 2 #24 PP FS FRPVC |
| 1883A 0081000 | 1,000 FT | 11.000 LB | GRAY | | 2 #24 PP FS FRPVC |
| 1883A 009U1000 | 1,000 FT | 12.000 LB | WHITE | | 2 #24 PP FS FRPVC |
| 1883A 010U1000 | 1,000 FT | 12.000 LB | BLACK | | 2 #24 PP FS FRPVC |

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- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
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- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
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