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please call

1-800-Belden1



## General Description:

Thermostat & Control Cable, Riser-CMR, 1-24 AWG solid tinned copper pair with foamed polyolefin insulation, Beldfoil® shield, PVC jacket

## Physical Characteristics (Overall)

### Conductor

#### AWG:

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 1       | 24  | Solid     | TC - Tinned Copper |

Total Number of Conductors: 2

### Insulation

#### Insulation Material:

| Insulation Trade Name | Insulation Material                    |
|-----------------------|--|
| Datalene®             | FHDPE - Foam High Density Polyethylene |

### 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  | Solid     | TC - Tinned Copper            |

### Outer Jacket

#### Outer Jacket Material:

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

### Overall Cable

Overall Nominal Diameter: 0.138 in.

### Pair

#### Pair Color Code Chart:

| Number | Color         |
|--------|---------------|
| 1      | Black & White |

## Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 8.800 lbs/1000 ft.

Max. Recommended Pulling Tension: 15 lbs.

Min. Bend Radius/Minor Axis: 1.400 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMR

CEC/C(UL) Specification: CMG

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

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): 02/01/2006

EU Directive 2002/96/EC (WEEE): Yes

## 5660FT Multi-Conductor - Thermostat & Control

|                                   |     |
|-----------------------------------|-----|
| 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:    | UL1666 Riser |
| C(UL) Flame Test: | FT4          |

### Plenum/Non-Plenum

|                |        |
|----------------|--------|
| Plenum (Y/N):  | No     |
| Plenum Number: | 6660FT |

## Electrical Characteristics (Overall)

### Nom. Inductance:

**Inductance (µH/ft)**

### Nom. Capacitance Conductor to Conductor:

**Capacitance (pF/ft)**

### Nominal Velocity of Propagation:

**VP (%)**

### Nom. Conductor DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

### Nominal Outer Shield DC Resistance:

**DCR @ 20°C (Ohm/1000 ft)**

### Max. Operating Voltage - UL:

**Voltage**

### Max. Recommended Current:

**Current**

### Input/Unfitted Impedance:

**Impedance (Ohm)**

## Put Ups and Colors:

| Item #         | Putup    | Ship Weight | Color | Notes | Item Desc               |
|----------------|----------|-------------|-------|-------|-------------------------|
| 5660FT 0011000 | 1,000 FT | 11.000 LB   | BROWN | C     | 1 FS PR #24 FHDPE FRPVC |

### Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1    Revision Date: 03-11-2013

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
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- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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