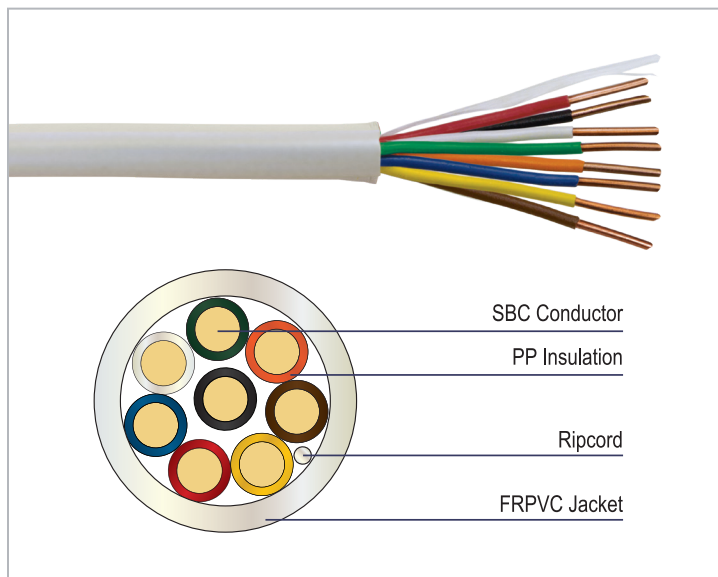




## 8 Conductor Solid CL2R Rated Thermostat Cable



### Applications

Vericom 8 conductor solid CL2R rated thermostat cable supports in-wall use and certain low-voltage applications. This cable is ideal for class 2 remote-control, signaling, and power-limited circuits and is suitable for in-wall installation in multi-story commercial building or residential environments.

### Description / Specifications

This 8 conductor solid CL2R rated thermostat cable is offered in 20 AWG or 18 AWG and is composed of 8 wires (Red, White, Green, Blue, Yellow, Brown, Orange, Black) inside an In-Wall Riser rated jacket. This cable is approved for 150 volts and has a temperature range of -20°C to 60°C. Our thermostat cables are CMR and CL2R and meet UL 1685 Vertical Tray, which are perfect for commercial installation in vertical floor-to-floor runs, where the length exceeds one story.

### Features & Benefits

- CL2R rated jacket for in-wall residential or commercial installations in vertical floor-to-floor runs, where the length exceeds one story
- UL Listed and RoHS compliant to ensure safety requirements are met
- Offered in 20 AWG or 18 AWG solid copper conductor to suit your specific application
- Spool packaging to ease installation and storage

### Standards Compliance

- UL 1685 Vertical Tray and UL 1666
- UL Standard 13, Power Limited Circuit Cable
- UL Listed Type CL2R and CMR
- NEC Article 725
- RoHS Compliant



## 8 Conductor Solid CL2R Rated Thermostat Cable

### Ordering Information

| Description   |           |              |                |       |
|---|-----------|--------------|----------------|-------|
| Item No.  | Conductor | Packaging    | Cable Weight   | Color |
| <b>8 Conductor Solid Riser Rated Thermostat Cable</b> |           |              |                |       |
| HT188-02551   | 18 AWG    | 250 ft Spool | 18 lb / 250 ft | White |
| HT208-02562   | 20 AWG    | 250 ft Spool | 8 lb / 250 ft  | Brown |

VERICOM E364604 **XX** AWG 8C 60 °C (UL) TYPE CL2R ---  
CMR SUNLIGHT RESISTANT

For accurate cable marking, replace the **XX** with the appropriate wire gauge.

### Cable Marking

#### 18 AWG Construction

**Conductor Material:** 18 AWG 8C Solid Bare Copper  
**Conductor Diameter:** 0.040 in. (1.024 mm)  
**Insulation Material:** Polypropylene (PP)  
**Insulation Thickness:** 0.008 in. (0.203 mm)  
**Insulation Diameter:** 0.057 in. (1.45 mm)  
**Insulation Color Code:** Red, White, Green, Blue, Yellow, Brown, Orange, Black

**Ripcord:** Nylon

**Jacket Material:** Sunlight Resistant Polyvinyl Chloride (SRPVC)  
**Jacket Thickness:** 0.016 in. (0.41 mm)  
**Jacket Color:** Specified By Item Number  
**Jacket Diameter:** 0.217 in. (5.50 mm)

#### 20 AWG Construction

**Conductor Material:** 20 AWG 8C Solid Bare Copper  
**Conductor Diameter:** 0.032 in. (0.812 mm)  
**Insulation Material:** Polypropylene (PP)  
**Insulation Thickness:** 0.008 in. (0.203 mm)  
**Insulation Diameter:** 0.057 in. (1.45 mm)  
**Insulation Color Code:** Red, White, Green, Blue, Yellow, Brown, Orange, Black

**Ripcord:** Nylon

**Jacket Material:** Sunlight Resistant Polyvinyl Chloride (SRPVC)  
**Jacket Thickness:** 0.016 in. (0.41 mm)  
**Jacket Color:** Specified By Item Number  
**Jacket Diameter:** 0.189 in. (4.80 mm)

### Electrical

| Characteristics                            | 18 AWG        | 20 AWG         |
|--|---------------|----------------|
| Nominal Mutual Capacitance                 | 25 Pf/m       | 22 Pf/m        |
| Nominal Conductor DC Resistance (DCR@20°C) | 6.5 Ω/1000 ft | 10.3 Ω/1000 ft |
| Voltage Rating                             | 150V          | 150V           |

### Environmental Conditions

**Operating Temperature:** -4 °F to 140 °F (-20 °C to 60 °C)