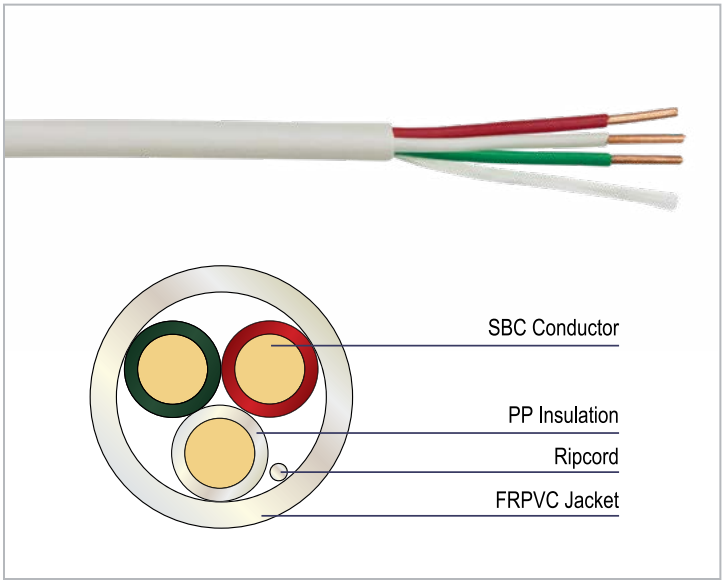
VERICOM®

# 3 Conductor Solid CL2R Rated Thermostat Cable




## 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 18 AWG solid copper conductor to suit your specific application
- Spool packaging to ease installation and storage

## Applications

Vericom 3 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 3 conductor solid CL2R rated thermostat cable is offered in 18 AWG and is composed of 3 wires (Red, White, Green) 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.

## 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



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# 3 Conductor Solid CL2R Rated Thermostat Cable

## Ordering Information

| Description | | | | |
|---|---|---|---|---|
| 3 Conductor Solid Riser Rated Thermostat Cable | | | | |
| Item No. | Conductor | Packaging | Cable Weight | Color |
| HT183-02546 | 18 AWG | 500 ft Spool | 11 lb / 500 ft | White |

## Cable Marking

VERICOM E364604 18 AWG 3C 60 °C (UL) TYPE CL2R --- CMR SUNLIGHT RESISTANT

## Construction

**Conductor Material:** 18 AWG 3C 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
**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:** 0.150 in. (3.81 mm)

## Electrical

**Nominal Mutual Capacitance:** 25 Pf/m
**Nominal Conductor DC Resistance (DCR@20ºC):** 6.5 Ω/1000 ft
**Voltage Rating:** 150V

## Environmental Conditions

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



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