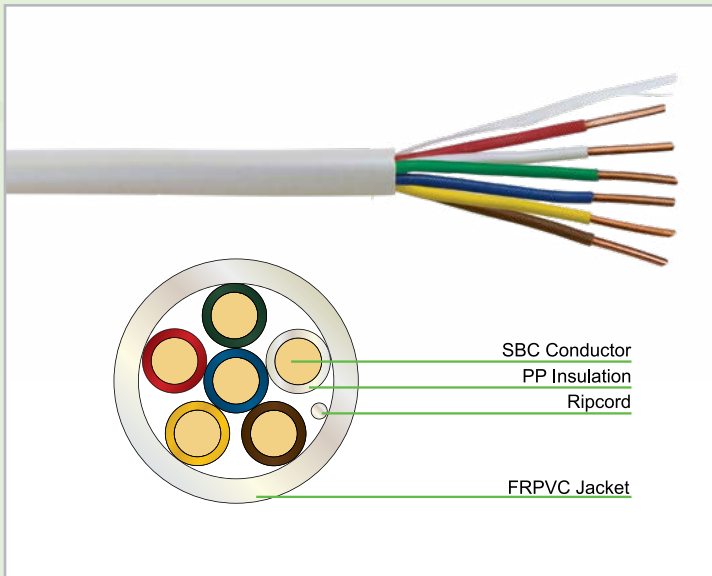


VGC™ 6 Conductor Solid CL2R Rated Thermostat Cable



Applications

The Vericom 6-conductor solid CL2R-rated thermostat cable is designed for in-wall installation and a wide range of low-voltage applications. It is ideal for Class 2 remote-control, signaling, and power-limited circuits, making it well-suited for both residential and multi-story commercial environments.

Description / Specifications

This solid 6-conductor CL2R-rated thermostat cable is available in 18 AWG and features six color-coded conductors (red, white, green, blue, yellow, and brown) enclosed in a riser-rated in-wall jacket. It is rated for up to 150 volts and operates within a temperature range of -20°C to 60°C.

Our thermostat cables meet CMR and CL2R requirements and comply with UL 1685 Vertical Tray standards, making them an excellent choice for commercial vertical riser installations where cable runs extend beyond a single floor.

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 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

Copper Systems

Bulk Wire



The Future Of Technology - Today.

VGC™ 6 Conductor Solid CL2R Rated Thermostat Cable

Ordering Information

Cable Marking

Description				
6 Conductor Solid Riser Rated Thermostat Cable				
Conductor	Packaging	Cable Weight	Color	Item No.
18 AWG	250 ft Spool	9 lb / 250 ft	White	HT186-02549

VERICOM E364604 18 AWG 6C 60C (UL)
Type CL2R --- CMR SUNLIGHT RESISTANT

Construction

Conductor Material: 18 AWG 6C 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

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: 0.197 in. (5.00 mm)

Electrical (at 20°C)

Nominal Mutual Capacitance: 25 Pf/m

Voltage Rating: 150V

Nominal Conductor DC Resistance (DCR@20°C): 6.5 Ω/1000 ft

Environmental Conditions

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