



## CU 150V HVAC Wire Unshielded Thermostat CL2/CMH

CU 150V HDPE Insulation PVC Jacket CL2/CMH Power Limited Unshielded Thermostat Wire



Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

1. **Conductor:** Solid bare copper per ASTM B3
2. **Insulation:** High Density Polyethylene HDPE
3. **Rip Cord:** Rip cord for ease of jacket strip ability
4. **Overall Jacket:** Polyvinyl Chloride (PVC) Jacket in Brown

### APPLICATIONS AND FEATURES:

- 150 Voltage
- rating per NEC® Article 725
- ETL listed to UL 13 and UL 444
- Meets UL 1581 Vertical Tray Flame Test (FT-1)
- Type CL2
- C22.2 214 TYPE CMH

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- UL 13 Power-Limited Circuit Cables
- UL 444 CM/CL2

### SAMPLE PRINT LEGEND:

TYPE CL2 C{ETL}US XX AWG XX/C BAROSTAT II SUN RES -- TYPE CMH FT1 -- {MM/DD/YY} {HH:MM}





**Table 1 – Physical and Electrical Data**

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Diameter Over Cond. | Color      | Insul. Thickness | Jacket Thickness | Approx. OD | Copper Weight | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance | Min Bending Radius |
|--------------|------------|--------------|---------------|---------------------|------------|------------------|------------------|------------|---------------|----------------|----------------------|----------------------|---------------------|--------------------|
|              | AWG        | No.          | strands       | inch                |            | mil              | mil              | inch       | lb / 1000ft   | lb / 1000ft    | Ω /1000ft            | Ω /1000ft            | Ω/1000ft            | inch               |
| 20 AWG       |            |              |               |                     |            |                  |                  |            |               |                |                      |                      |                     |                    |
| 552030◇      | 20         | 3            | Solid         | 0.032               | RD, WE, GN | 5                | 14               | 0.121      | 9             | 13             | 10.503               | 12.655               | 0.027               | 0.5                |

All dimensions are nominal and subject to normal manufacturing tolerances

◇ Cable marked with this symbol is a standard stock item

