



## CU 300V HVAC Wire Unshielded Thermostat Plenum Rated

CU 300V HDPE Insulation CMP/CL2P PVC Jacket Power Limited Unshielded Thermostat Wire Plenum Rated 75°C

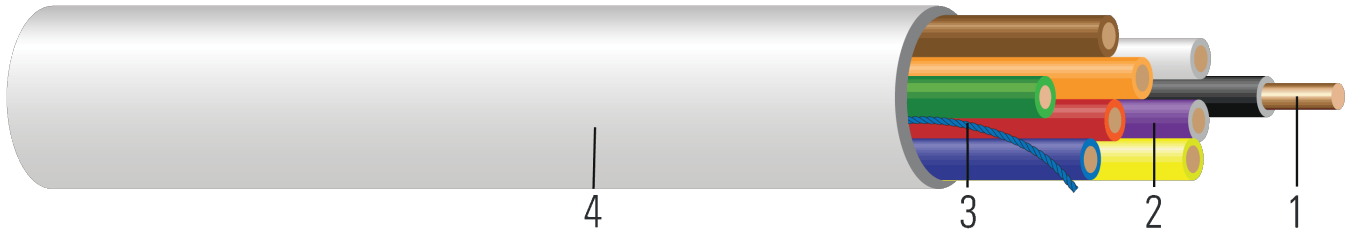


Image not to scale. See Table 1 for dimensions.

### CONSTRUCTION:

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

### APPLICATIONS AND FEATURES:

Thermostat Wire is a class 2 power-limited circuit cable for use in thermostat control applications from floor to floor and up access shafts without conduit

- 300 Voltage
- ETL Listed Meets UL 444 Type CMP
- ETL Listed Meets UL 1424
- ETL Listed Meets UL 13 Type CL2P/1i>
- CSA FT6

### SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- UL 13 Power-Limited Circuit Cables
- UL 444 CMP/CL2P
- RoHS-3 Complies with Latest Directive

### SAMPLE PRINT LEGEND:

BARON WIRE 55504 18 AWG X/C C{ETL}US MASTER-DESIGN TYPE CMP/CL2P 75{D}C BAROPLN -- TYPE CMP FT6 --  
{MM/DD/YY} {HH:MM}





**Table 1 – Physical and Electrical Data**

| Stock Number | Cond. Size | Cond. Number | Cond. Strands | Diameter Over Cond. | Insulation Color       | Insul. Thickness | Jacket Thickness | Approx. OD | Copper Weight | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C | Min Bending Radius |
|--------------|------------|--------------|---------------|---------------------|------------------------|------------------|------------------|------------|---------------|----------------|----------------------|----------------------|--------------------|
|              | AWG        | No.          | strands       | inch                |                        | mil              | mil              | inch       | lb / 1000ft   | lb / 1000ft    | Ω /1000ft            | Ω /1000ft            | inch               |
| 18 AWG       |            |              |               |                     |                        |                  |                  |            |               |                |                      |                      |                    |
| 55506◇       | 18         | 6            | Solid         | 0.040               | BK, RD, WE, GN, BN, BE | 5                | 15               | 0.206      | 30            | 42             | 6.669                | 8.035                | 0.8                |

All dimensions are nominal and subject to normal manufacturing tolerances  
◇ Cable marked with this symbol is a standard stock item  
TBA stock codes are estimations only and actual product may vary. Please wait until a stock code is assigned to purchase connectors and/or fittings.

