# CU 300V HVAC Wire Unshielded Thermostat Plenum Rated

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

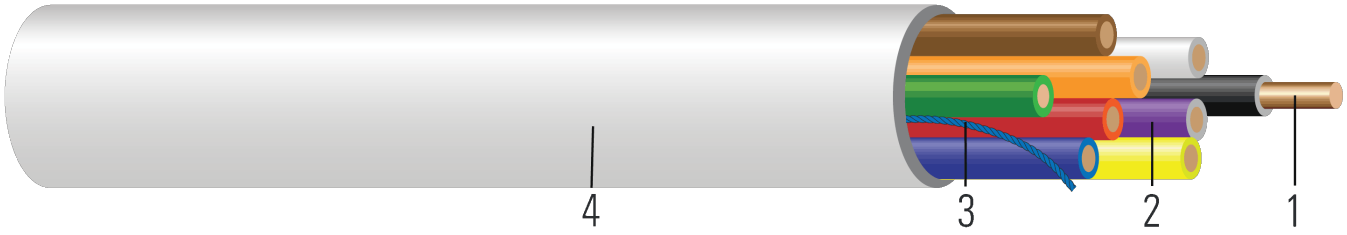



Image not to scale. See Table 1 for dimensions.

## 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/li>
- 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 BAROPLEN -- TYPE CMP FT6 -- {MM/DD/YY} {HH:MM}


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## 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 | Inductive Rectance | Be R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | AWG | No. | strands | inch | | mil | mil | inch | lb / 1000ft | lb / 1000ft | Ω /1000ft | Ω /1000ft | Ω/1000ft | |
| 18 AWG | | | | | | | | | | | | | | |
| 55502◊ | 18 | 2 | SOLID | 0.04 | BK,RD | 5 | 15 | 0.144 | 10 | 16 | 6.659 | 8.265 | 0.036 | |
| 55503◊ | 18 | 3 | SOLID | 0.04 | BK,RD,WE | 5 | 15 | 0.153 | 15 | 22 | 6.659 | 8.265 | 0.036 | |
| 55504◊ | 18 | 4 | SOLID | 0.04 | BK,RD,WE,GN | 5 | 15 | 0.168 | 20 | 28 | 6.659 | 8.265 | 0.036 | |
| 55505◊ | 18 | 5 | SOLID | 0.04 | BK,RD,WE,GN,BN | 5 | 15 | 0.188 | 80 | 35 | 6.659 | 8.265 | 0.036 | |
| 55506◊ | 18 | 6 | SOLID | 0.04 | BK,RD,WE,GN,BN,BE | 5 | 15 | 0.206 | 30 | 42 | 6.659 | 8.265 | 0.036 | |
| 55508◊ | 18 | 8 | SOLID | 0.04 | BK,RD,WE,GN,BN,BE,OE,YW | 5 | 15 | 0.224 | 40 | 54 | 6.659 | 8.265 | 0.036 | |
| 55510◊ | 18 | 10 | SOLID | 0.04 | BK,RD,WE,GN,BN,BE,OE,YW,PE,GY | 5 | 15 | 0.264 | 49 | 68 | 6.659 | 8.265 | 0.036 | |

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.


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