CU 300V HVAC Wire Unshielded Thermostat Plenum Rated

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

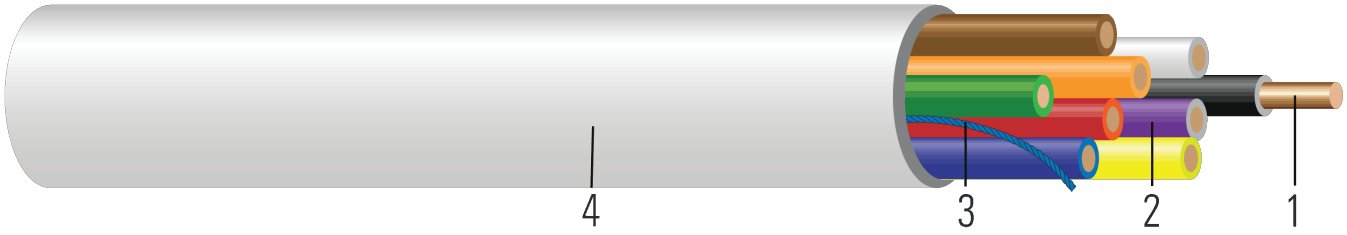

Image not to scale. See Table 1 for dimensions.

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	Min Bending Radius
	AWG	No.	strands	inch		mil	mil	inch	lb / 1000ft	lb / 1000ft	Ω /1000ft	Ω /1000ft	inch
18 AWG													
55508◊	18	8	Solid	0.040	BK, RD, WE, GN, BN, BE, OE, YW	5	15	0.224	40	54	6.669	8.035	0.9

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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