CU 300V HVAC Wire Unshielded Thermostat Plenum Rated

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

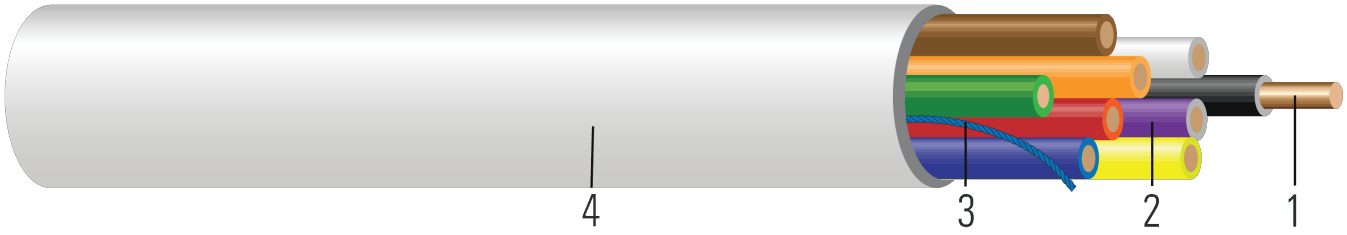


Image not to scale. See Table 1 for dimensions.

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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