



CU 300V HVAC Wire Shielded Thermostat Plenum Rated

CU 300V Low Smoke Polyvinyl Chloride LS PVC Insulation CMP/CL2P PVC Jacket Power Limited Shielded Thermostat Wire
Plenum Rated 75°C

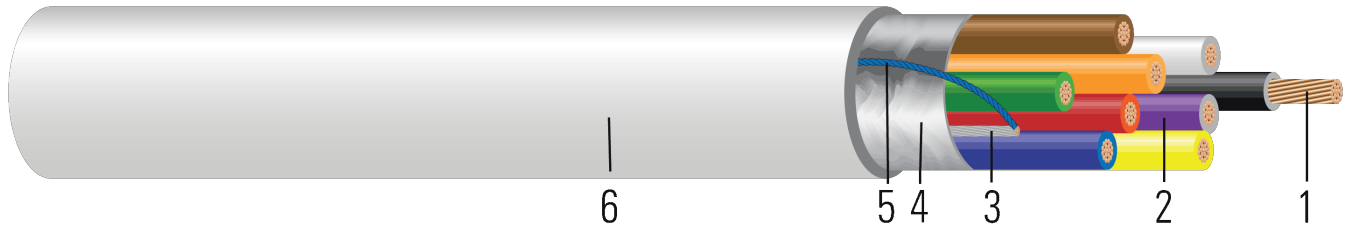


Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Stranded bare copper per ASTM B8
2. **Insulation:** Polyvinyl Chloride PVC
3. **Drain Wire:** 24 AWG
4. **Shield:** Mylar shield
5. **Cord:** Rip cord for ease of jacket strip ability
6. **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 .

- 300 Voltage
- UL 1424 FPLP, NEC article 760
- UL 13 CL2P, CL3P (16/2) NEC article 725
- UL 444 CMP
- FLAME TEST NFPA 262 (UL 910) / CSA FT6

SPECIFICATIONS:

- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 13 Power-Limited Circuit Cables
- UL 444 CMP/CL2P
- RoHS-3 Complies with Latest Directive

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	Approx. OD	Copper Weight	Approx. Weight	DC Resistance @ 25°C	AC Resistance @ 75°C	Inductive Reactance	Min Bending Radius
	AWG	No.	strands	inch		mil	inch	lb / 1000ft	lb / 1000ft	Ω /1000ft	Ω /1000ft	Ω/1000ft	inch
18 AWG													
P40133-1◇	18	2	7	0.045	BK, RD	9	0.161	11	19	6.669	8.035	0.036	0.6
P40032-1◇	18	3	7	0.045	BK, RD, WE	9	0.165	16	25	6.669	8.035	0.036	0.7
P40073-1◇	18	4	7	0.045	BK, RD, WE, GN	9	0.186	21	33	6.669	8.035	0.036	0.7
P40040-1◇	18	6	7	0.045	BK, RD, WE, GN, BN, BE	9	0.223	32	46	6.669	8.035	0.036	0.9
P40070-1◇	18	8	7	0.045	BK, RD, WE, GN, BN, BE, OE, YW	9	0.245	42	60	6.669	8.035	0.036	1.0
16 AWG													
P50002-1◇	16	2	19	0.056	BK, RD	9	0.185	17	25	4.181	5.037	0.033	0.7

All dimensions are nominal and subject to normal manufacturing tolerances

◇ Cable marked with this symbol is a standard stock item

