

## **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

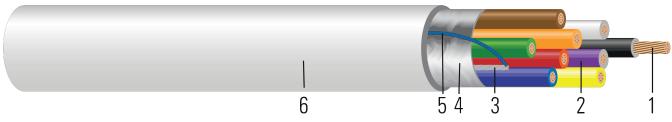


Image not to scale. See Table 1 for dimensions.

#### **CONSTRUCTION:**

1. **Conductor:** Stranded bare copper per ASTM B8

2. Insulation: Polyvinyl Chloride PVC

Drain Wire: 24 AWG
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}



# **Stock # P40040-1 | SPEC 10095**

## 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 Rectance	Min Bending Radius
	AWG	No.	strands	inch		mil	inch	lb / 1000ft	lb / 1000ft	Ω /1000ft	Ω /1000ft	Ω/1000ft	inch
18 AWG													
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

All dimensions are nominal and subject to normal manufacturing tolerances

<sup>♦</sup> Cable marked with this symbol is a standard stock item