



CU 150V HVAC Wire Unshielded Thermostat CL2/CMH

CU 150V HDPE Insulation PVC Jacket CL2/CMH Power Limited Unshielded Thermostat Wire



Image not to scale. See Table 1 for dimensions.

CONSTRUCTION:

1. **Conductor:** Solid bare copper per ASTM B3
2. **Insulation:** High Density Polyethylene HDPE
3. **Rip Cord:** Rip cord for ease of jacket strip ability
4. **Overall Jacket:** Polyvinyl Chloride (PVC) Jacket in Brown

APPLICATIONS AND FEATURES:

- 150 Voltage
- rating per NEC® Article 725
- ETL listed to UL 13 and UL 444
- Meets UL 1581 Vertical Tray Flame Test (FT-1)
- Type CL2
- C22.2 214 TYPE CMH

SPECIFICATIONS:

- ASTM B3 Soft or Annealed Copper Wire
- UL 13 Power-Limited Circuit Cables
- UL 444 CM/CL2

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	Jacket 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	mil	inch	lb / 1000ft	lb / 1000ft	Ω / 1000ft	Ω / 1000ft	Ω / 1000ft	inch
20 AWG														
552020◇	20	2	Solid	0.032	RD, WE	5	14	0.114	6	9	10.503	12.655	0.027	0.5
552030◇	20	3	Solid	0.032	RD, WE, GN	5	14	0.121	9	13	10.503	12.655	0.027	0.5
552040◇	20	4	Solid	0.032	RD, WE, GN, BE	5	14	0.132	12	16	10.503	12.655	0.027	0.5
552050◇	20	5	Solid	0.032	RD, WE, GN, BE, YW	5	15	0.147	15	20	10.503	12.655	0.027	0.6
552060◇	20	6	Solid	0.032	RD, WE, GN, BE, YW, BN	5	15	0.160	18	24	10.503	12.655	0.027	0.6
552100◇	20	10	Solid	0.032	RD, WE, GN, BE, YW, BN, OE, BK, PK, GY	5	15	0.202	30	38	10.503	12.655	0.027	0.8
552120◇	20	12	Solid	0.032	RD, WE, GN, BE, YW, BN, OE, BK, PK, GY, TN, PE	5	15	0.209	36	42	10.503	12.655	0.027	0.8
18 AWG														
553020◇	18	2	Solid	0.040	RD, WE	5	14	0.132	10	14	6.669	8.035	0.036	0.5
553030◇	18	3	Solid	0.040	RD, WE, GN	5	14	0.140	15	19	6.669	8.035	0.036	0.6
553040◇	18	4	Solid	0.040	RD, WE, GN, BE	5	14	0.154	19	25	6.669	8.035	0.036	0.6
553050◇	18	5	Solid	0.040	RD, WE, GN, BE, YW	5	15	0.170	24	30	6.669	8.035	0.036	0.7
553070◇	18	7	Solid	0.040	RD, WE, GN, BE, YW, BN, OE	5	15	0.186	34	41	6.669	8.035	0.036	0.7
553100◇	18	10	Solid	0.040	RD, WE, GN, BE, YW, BN, OE, BK, PK, GY	5	15	0.238	48	58	6.669	8.035	0.036	1.0
553120◇	18	12	Solid	0.040	RD, WE, GN, BE, YW, BN, OE, BK, PK, GY, TN, PE	5	15	0.245	58	69	6.669	8.035	0.036	1.0

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.

