



CU 150V HVAC Wire Unshielded Thermostat CL2/CMH

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

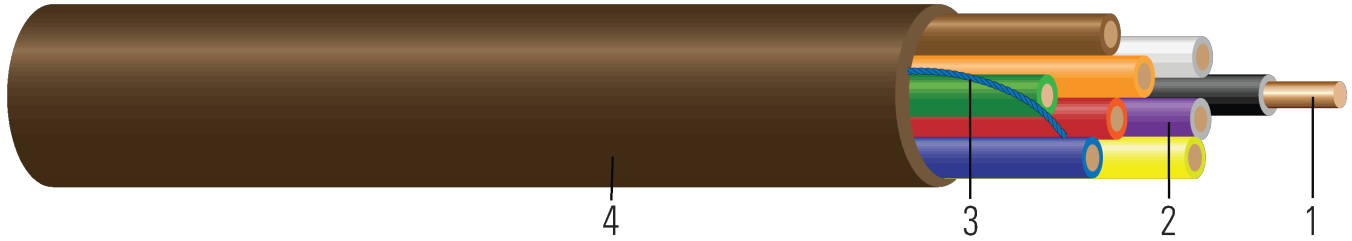


Image not to scale. See Table 1 for dimensions.

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. | Insulation Color | Insul. Thickness | Jacket Thickness | Approx. OD | Copper Weight | Approx. Weight | DC Resistance @ 25°C | AC Resistance @ 75°C | Inductive Reactance | Min Bending Radius | Jacket Color |
|---------------|------------|--------------|---------------|---------------------|--|------------------|------------------|------------|---------------|----------------|----------------------|----------------------|---------------------|--------------------|--------------|
| | AWG | No. | strands | inch | | mil | mil | inch | lb / 1000ft | lb / 1000ft | Ω /1000ft | Ω /1000ft | Ω/1000ft | inch | |
| 20 AWG | | | | | | | | | | | | | | | |
| 55202◇ | 20 | 2 | Solid | 0.032 | RD, WE | 5 | 14 | 0.114 | 6 | 9 | 10.503 | 12.655 | 0.027 | 0.5 | Brown |
| 55203◇ | 20 | 3 | Solid | 0.032 | RD, WE, GN | 5 | 14 | 0.121 | 9 | 13 | 10.503 | 12.655 | 0.027 | 0.5 | Brown |
| 55204◇ | 20 | 4 | Solid | 0.032 | RD, WE, GN, BE | 5 | 14 | 0.132 | 12 | 16 | 10.503 | 12.655 | 0.027 | 0.5 | Brown |
| 55205◇ | 20 | 5 | Solid | 0.032 | RD, WE, GN, BE, YW | 5 | 15 | 0.147 | 15 | 20 | 10.503 | 12.655 | 0.027 | 0.6 | Brown |
| 55206◇ | 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 | Brown |
| 55207◇ | 20 | 7 | Solid | 0.032 | RD, WE, GN, BE, YW, BN, OE | 5 | 15 | 0.160 | 18 | 27 | 10.503 | 12.655 | 0.027 | 0.6 | Brown |
| 55210◇ | 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 | Brown |
| 55212◇ | 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 | Brown |
| 18 AWG | | | | | | | | | | | | | | | |
| 55302◇ | 18 | 2 | Solid | 0.040 | RD, WE | 5 | 14 | 0.132 | 10 | 14 | 6.669 | 8.035 | 0.036 | 0.5 | Brown |
| 55303◇ | 18 | 3 | Solid | 0.040 | RD, WE, GN | 5 | 14 | 0.140 | 15 | 19 | 6.669 | 8.035 | 0.036 | 0.6 | Brown |
| 55304◇ | 18 | 4 | Solid | 0.040 | RD, WE, GN, BE | 5 | 14 | 0.154 | 19 | 25 | 6.669 | 8.035 | 0.036 | 0.6 | Brown |
| 55305◇ | 18 | 5 | Solid | 0.040 | RD, WE, GN, BE, YW | 5 | 15 | 0.170 | 24 | 30 | 6.669 | 8.035 | 0.036 | 0.7 | Brown |
| 55306◇ | 18 | 6 | Solid | 0.040 | RD, WE, GN, BE, YW, BN | 5 | 15 | 0.186 | 29 | 37 | 6.669 | 8.035 | 0.036 | 0.74 | Brown |
| 55307◇ | 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 | Brown |
| 55308◇ | 18 | 8 | Solid | 0.040 | RD, WE, GN, BE, YW, BN, OE, BK | 5 | 15 | 0.202 | 29 | 48 | 6.669 | 8.035 | 0.036 | 0.8 | Brown |





| 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 Reactance | Min Bending Radius | Jacket Color |
|--------------|------------|--------------|---------------|---------------------|--|------------------|------------------|------------|---------------|----------------|----------------------|----------------------|---------------------|--------------------|--------------|
| | AWG | No. | strands | inch | | mil | mil | inch | lb / 1000ft | lb / 1000ft | Ω /1000ft | Ω /1000ft | Ω/1000ft | inch | |
| 55310◇ | 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 | Brown |
| 55312◇ | 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 | Brown |

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.

