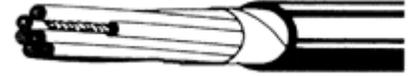


**D-7**

Control and Power

Type TC, UL 1277 XHHW-2 (VW-1) Insulation, PVC Jacket Copper Conductors 600 Volts 90°C

**Application:**

Multi-conductor control and power cable rated 600 volts.

Installation:

In cable trays, raceways, where supported by messenger wire, in conduit and direct buried. In industrial plants in ladder, ventilated troughs or ventilated channel-type tray.

Environment:

Wet or dry locations; exposed to chemicals and oils Maximum Conductor Temperatures (continuous): XHHW-2 - Wet or dry locations - 90°C

Color code:

K-2

Conductors:

Soft bare annealed copper per ASTM B3, Class B stranding per ASTM B8.

Conductor Sizes:

14 AWG - 10 AWG

Insulation:

Flame-retardant cross-linked polyethylene, per UL Standard 44.

Assembly:

Conductors cabled together with or without fillers as required to form a round compact cable core and with a binder tape.

Grounding conductors:

when required per UL, bare copper ground wires.

Cable Jacket:

Sunlight resistant PVC rated 90°C per UL Standard 1277.

Flame test:

Cable passes IEEE 383 vertical tray ribbon burner flame test (210,000 BTU) - ICEA-T-29-520.

Connectors:

UN-D.3C. Copper free aluminum and BT-D.3C. Electroless nickel plated brass.

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