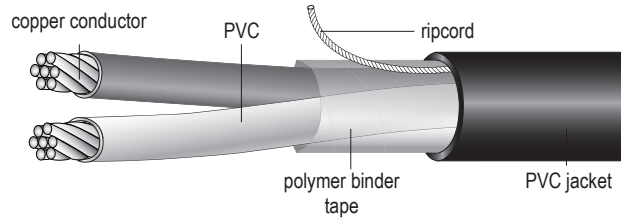


## SPECIFICATION HW100

### INSTRUMENTATION CABLE

**300 Volt UL Type PLTC & ITC, 105°C**  
**Single Pair or Triad**  
**Non-Shielded**  
**PVC Insulation & PVC Jacket**  
**Copper Conductors**



Catalog Number	Size AWG	Pair or Triad	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW100 01801	18	1 Pair	15	35	0.25	33
HW100 01601	16	1 Pair	15	35	0.27	42
HW100 1801T	18	1 Triad	15	35	0.26	41
HW100 1601T	16	1 Triad	15	35	0.29	54

#### APPLICATION:

For use in instrumentation and process control applications where protection from electrostatic interference is not required. UL listed as Type PLTC and ITC and approved for installation indoors or outdoors, aerially, in conduits, ducts and cable trays in circuits not exceeding 300 volts. May be used in NEC Class 1, Division 2 hazardous locations.

#### CONDUCTORS:

7-strand soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

#### INSULATION:

Flame-retardant PVC

#### JACKET:

Sunlight-resistant PVC; a ripcord is applied longitudinally under the jacket to facilitate stripping

#### FLAME TESTS:

- UL 1581 (70,000 BTU/hr) Flame Test
- CSA FT4 Rated

#### COLOR CODE:

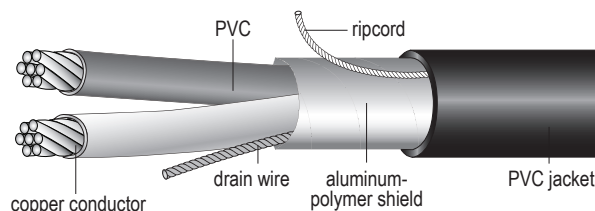
- Pairs: black and white with printed numbers on one conductor
- Triads: black, white and red with printed numbers on one conductor
- Available upon request: black and red for pairs; black, red and blue for triads

#### ADDITIONAL STANDARDS:

- UL Standard 13
- UL Standard 2250
- NEC Type ITC per Articles 501, 502, 503, and 504
- Approved for Class 2 and Class 3 circuits per Article 725 of the NEC

## INSTRUMENTATION CABLE

**300 Volt UL Type PLTC & ITC, 105°C**  
**Single Pair or Triad**  
**Shielded**  
**PVC Insulation & PVC Jacket**  
**Copper Conductors**



Catalog Number	Size AWG	Pair or Triad	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW101 02001	20	1 Pair	15	35	0.24	30
HW101 01801	18	1 Pair	15	35	0.26	37
HW101 01601	16	1 Pair	15	35	0.28	46
HW101 2001T	20	1 Triad	15	35	0.25	36
HW101 1801T	18	1 Triad	15	35	0.28	46
HW101 1601T	16	1 Triad	15	35	0.30	62

### APPLICATION:

For use in instrumentation and process control applications where protection from electrostatic interference is required. UL listed as Type PLTC and ITC and approved for installation indoors or outdoors, aerially, in conduits, ducts and cable trays in circuits not exceeding 300 volts. May be used in NEC Class 1, Division 2 hazardous locations.

### CONDUCTORS:

7-strand soft bare annealed copper per ASTM B-3, Class B stranding per ASTM B-8

### INSULATION:

Flame-retardant PVC

### SHIELD:

Aluminum-polymer tape providing 100% coverage with a flexible 7-strand tinned copper drain wire

### JACKET:

Sunlight-resistant PVC; a ripcord is applied longitudinally under the jacket to facilitate stripping

### FLAME TESTS:

- UL 1581 (70,000 BTU/hr) Flame Test
- CSA FT4 Rated

### COLOR CODE:

- Pairs: black and white with printed numbers on one conductor
- Triads: black, white and red with printed numbers on one conductor
- Available upon request: black and red for pairs; black, red and blue for triads

### ADDITIONAL STANDARDS:

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