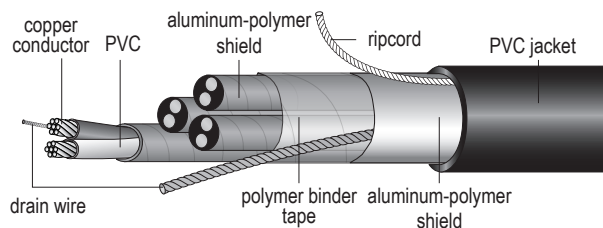


INSTRUMENTATION CABLE

**300 Volt UL Type PLTC & ITC, 105°C
Multiple Pairs
Individual & Overall Shield
PVC Insulation & PVC Jacket
Copper Conductors**



INSTRUMENTATION & THERMOCOUPLE

Catalog Number	Size AWG	Number of Pairs	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW103 02002	20	2	15	40	0.36	61
HW103 02004	20	4	15	50	0.46	110
HW103 02008	20	8	15	50	0.58	182
HW103 02012	20	12	15	60	0.71	267
HW103 02016	20	16	15	60	0.81	315
HW103 02024	20	24	15	70	0.97	492
HW103 02036	20	36	15	70	1.11	685
HW103 02050	20	50	15	70	1.33	768
HW103 01802	18	2	15	40	0.40	76
HW103 01804	18	4	15	50	0.50	134
HW103 01808	18	8	15	50	0.63	226
HW103 01812	18	12	15	60	0.78	332
HW103 01816	18	16	15	60	0.89	374
HW103 01824	18	24	15	70	1.08	619
HW103 01836	18	36	15	70	1.23	869
HW103 01850	18	50	15	80	1.49	1047

APPLICATION:

For use in instrumentation and process control applications where superior 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

INDIVIDUAL SHIELD:

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

OVERALL 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
- Available upon request: black and red pairs with printed number

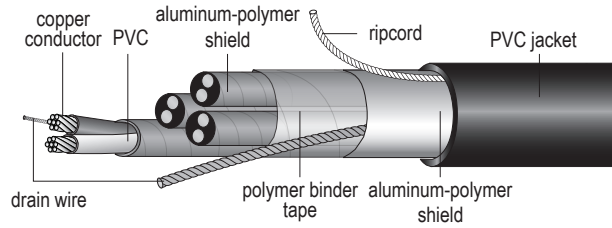
ADDITIONAL STANDARDS:

- 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

SPECIFICATION
HW103

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Multiple Pairs
Individual & Overall Shield
PVC Insulation & PVC Jacket
Copper Conductors**



Catalog Number	Size AWG	Number of Pairs	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW103 01602	16	2	15	50	0.47	107
HW103 01604	16	4	15	50	0.55	178
HW103 01608	16	8	15	60	0.73	323
HW103 01612	16	12	15	60	0.87	456
HW103 01616	16	16	15	70	1.02	529
HW103 01624	16	24	15	70	1.21	860
HW103 01636	16	36	15	80	1.40	1250
HW103 01650	16	50	15	80	1.68	1453

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