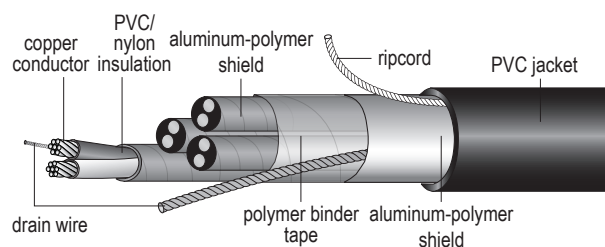


INSTRUMENTATION CABLE

**600 Volt UL Type TC, 90°C
Single & Multiple Twisted Pairs
Individual & Overall Shield
TFN PVC/Nylon Insulation & PVC Jacket
Copper Conductors**



INSTRUMENTATION & THERMOCOUPLE

Catalog Number	Size AWG	Number of Pairs	Insulation Thickness Mils	Nylon Covering Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW106 01801	18	1	15	4	45	0.27	42
HW106 01802	18	2	15	4	45	0.44	82
HW106 01804	18	4	15	4	45	0.52	146
HW106 01808	18	8	15	4	60	0.71	279
HW106 01812	18	12	15	4	60	0.85	391
HW106 01816	18	16	15	4	80	1.05	494
HW106 01824	18	24	15	4	80	1.20	752
HW106 01836	18	36	15	4	80	1.37	1053
HW106 01850	18	50	15	4	80	1.71	1300
HW106 01601	16	1	15	4	45	0.29	55
HW106 01602	16	2	15	4	45	0.48	105
HW106 01603	16	3	15	4	45	0.56	136
HW106 01604	16	4	15	4	60	0.63	207
HW106 01606	16	6	15	4	60	0.77	257
HW106 01608	16	8	15	4	60	0.81	349
HW106 01612	16	12	15	4	80	1.11	528
HW106 01616	16	16	15	4	80	1.16	623
HW106 01624	16	24	15	4	80	1.39	944
HW106 01636	16	36	15	4	80	1.59	1331
HW106 01650	16	50	15	4	110	1.96	1731

APPLICATION:

For use in instrumentation and process control applications where superior protection from electrostatic interference is required. UL listed as Type TC and approved for installation indoors or outdoors, aerially, in conduits, ducts, cable trays and direct burial in circuits not exceeding 600 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 per UL Standard 62 for Type TFN wire

INSULATION JACKET:

Clear nylon per UL Standard 62 for Type TFN wire

INDIVIDUAL SHIELD:

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

*Single pairs: Overall shield only

OVERALL SHIELD:

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

JACKET:

Sunlight-resistant PVC per UL Standard 1277. A ripcord is applied longitudinally under the jacket to facilitate stripping

FLAME TESTS:

UL 1581 (70,000 BTU/hr) Flame Test

COLOR CODE:

- Pairs: black and white with printed numbers on one conductor
- Available upon request: black and red pairs with printed number

ADDITIONAL STANDARDS:

- NEC Type TC for Class I Division 2 areas per Articles 336, 392 and 501, and for Class 1 circuits per NEC Article 725
- NEC Type NPFL for Non Power Limited Fire Protective Signaling circuits per NEC Article 760