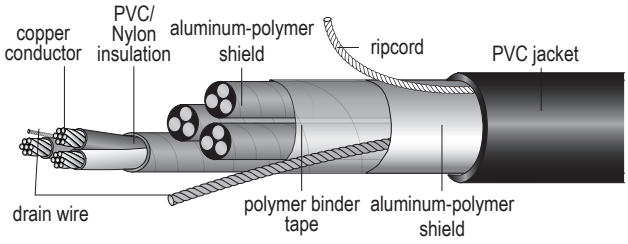
INSTRUMENTATION CABLE

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



Catalog Number	Size AWG	Number of Triads	Insulation Thickness Mils	Nylon Covering Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW108 01804	18	4	15	4	60	0.61	207
HW108 01808	18	8	15	4	60	0.78	355
HW108 01812	18	12	15	4	80	0.98	538
HW108 01824	18	24	15	4	80	1.33	971
HW108 01604	16	4	15	4	60	0.67	233
HW108 01608	16	8	15	4	60	0.90	401
HW108 01612	16	12	15	4	80	1.08	607
HW108 01616	16	16	15	4	80	1.27	838
HW108 01624	16	24	15	4	80	1.48	1100

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. UL approved for NEC continuous operation at 75°C in wet locations, 90°C in dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

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

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