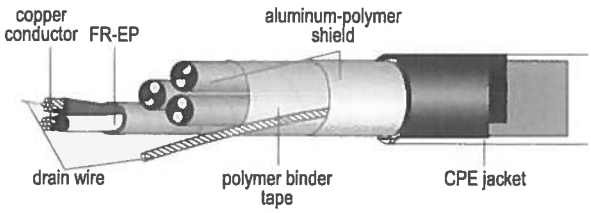
INSTRUMENTATION CABLE

600 Volt UL Type TC-ER, 90°C
Multiple Twisted Pairs & Triads
Individual & Overall Shield
FR-EP Insulation & CPE Jacket
Tinned Copper Conductors



Catalog Number	Size AWG	Number of Pairs/Triads	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW110 01602	16	2 Pairs	25	60	0.57	130
HW110 01604	16	4 Pairs	25	60	0.66	200
HW110 01606	16	6 Pairs	25	60	0.74	270
HW110 01608	16	8 Pairs	25	60	0.88	380
HW110 01612	16	12 Pairs	25	80	1.04	530
HW110 01616	16	16 Pairs	25	80	1.17	570
HW110 01624	16	24 Pairs	25	80	1.40	960
HW110 1604T	16	4 Triads	25	60	0.72	260
HW110 1608T	16	8 Triads	25	60	0.96	500
HW110 1612T	16	12 Triads	25	80	1.14	705

APPLICATION:
Superior flame retardant cable for use in instrumentation and process control applications in caustic environments where 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 installed at temperatures as low as -35°C and used in NEC Class 1, Division 2 hazardous locations. UL approved for NEC continuous operation at 90°C in wet and dry locations, 130°C for emergency overload conditions, and 250°C for short circuit conditions.

CONDUCTORS:
7-strand tin-coated, soft annealed copper per ASTM B-33, Class B stranding per ASTM B-8

INSULATION:
Flame-retardant ethylene propylene rubber (FR-EP) per ICEA S-82-552

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 chlorinated polyethylene (CPE) per ICEA S-82-552 and UL Standard 1277. A ripcord is applied longitudinally under the jacket to facilitate stripping

FLAME TESTS:
- IEEE 383 (70,000 BTU/hr) Flame Test
- IEEE 1202 (70,000 BTU/hr)
- UL 1277 (70,000 BTU/hr) Flame Test
- ICEA T-29-520 (210,000 BTU/hr) Flame Test
- CSA FT4 Flame Test

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 with printed number

ADDITIONAL STANDARDS:
- NEC Type TC per articles 336, 392 and 501, and Class 1 circuits per NEC Article 725
- NEMA WC-55
- UL Type TC-ER Rated for Exposed Run