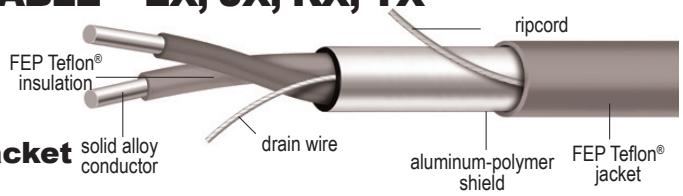
THERMOCOUPLE EXTENSION CABLE - EX, JX, KX, TX

300 Volt UL Type PLTC & ITC, 200°C
Single Pair
Overall Shield
FEP Teflon® Insulation & FEP Teflon®Jacket
Solid Alloy Conductors



Catalog Number	ANSI Type	Size AWG	Number of Pairs	Insulation Thickness Mils	Jacket Thickness Mils	Overall Diameter Inches	Net Weight Lbs/Mft
HW114 1602E	EX	16	1	10	12	0.17	32
HW114 1602J	JX	16	1	10	12	0.17	31
HW114 1602K	KX	16	1	10	12	0.17	31
HW114 1602T	TX	16	1	10	12	0.17	32

APPLICATION:
For use in high temperature thermocouple extension applications in caustic environments where protection from electrostatic interference is required. UL listed as Type PLTC 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:
Annealed, solid thermocouple extension grade alloys calibrated to standard limits of error per ANSI-MC96.1

INSULATION:
FEP Teflon® color coded per ANSI-MC96.1

OVERALL SHIELD:
Aluminum-polymer tape providing 100% coverage with a flexible tinned copper drain wire

JACKET:
FEP Teflon® color coded per ANSI-MC96.1. A ripcord is applied longitudinally under the jacket to facilitate stripping

FLAME TESTS:
- UL Standard 13 (70,000 BTU/hr) Flame Test
- UL 910 Steiner Tunnel Flame Test
- Meets CSA FT4/FT6 Flame Test

ADDITIONAL STANDARDS:
- NEC Type ITC per Articles 501, 502, 503, and 504
- NEC Type CL3P/PLTC

TYPE DESIGNATIONS							
	Alloys		Insulation Colors				
ASA Type	Positive	Negative	Positive	Negative	Jacket Color	Range	Limits of Error
EX	Chromel	Constantan	Purple	Red	Purple	0 to +200	+/- 1.7°C
JX	Iron	Constantan	White	Red	Black	0 to +200	+/- 2.2°C
KX	Chromel	Alumel	Yellow	Red	Yellow	0 to +200	+/- 2.2°C
TX	Copper	Constantan	Blue	Red	Blue	0 to +100	+/- 1.0°C

Note: One conductor in each pair is sequentially numbered for identification.