

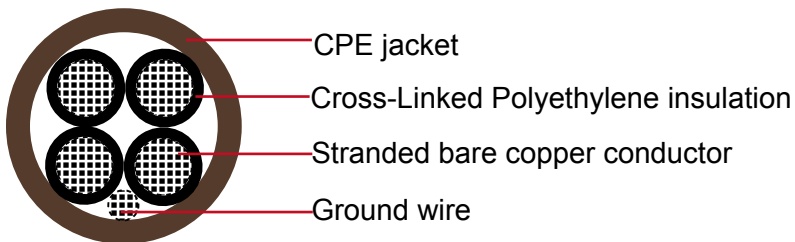


XHHW/CPE, 4-core, 600V, Type TC Power Cable

Applications:

XHHW/CPE, type TC Power Cable is used to supply power to motors, or for connection to other power devices in industrial settings. Primary installations include cable trays, raceways, and outdoor locations where supported by a messenger wire. Type TC is listed for direct burial and for use in Class 1, Division 2 hazardous locations and Class 1 control circuits. This cable may be used in wet and dry locations at temperatures not to exceed 90 °C.

Construction:



Conductor:

Stranded bare annealed copper
(Type XHHW-2)

Insulation: Flame-retardant and moisture resistant Cross-Linked Polyethylene (FRXLPE)

Ground Wire: bare annealed copper (Type XHHW-2)

Jacket: Flame retardant, moisture and sunlight resistant CPE (PVC or LSOH are available upon request)

Color: upon request, black is preferable

Compliances:

- ▶ UL 1277 - Electrical Power and Control Tray Cables
- ▶ UL 1685 - UL CT Flame Exposure Test (70,000 Btu/hr)
- ▶ ICEA S-58-679 Method 4
- ▶ IEEE 1202/FT4 - Flame Test of Cables for Use in Cable Tray in Industrial and Commercial Occupancies (70,000 Btu/hr)
- ▶ ICEA S-95-658 Construction requirements



American Standard UL

Parameters:

AWG or kcmil	Strand	Ground Wire Size AWG	Nominal jacket Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Cable Weight Lbs/kft kg/km	
8	7	10	0.060	1.52	0.747	18.97	401	596
6	7	8	0.080	2.03	0.882	22.40	607	903
4	7	8	0.080	2.03	0.917	23.29	807	1200
2	7	6	0.080	2.03	1.054	26.77	1197	1781
1	19	6	0.080	2.03	1.21	30.73	1511	2249
1/0	19	6	0.080	2.03	1.307	33.20	1814	2699
2/0	19	6	0.080	2.03	1.411	35.84	2210	3288
3/0	19	4	0.080	2.03	1.529	38.84	2759	4105
4/0	19	4	0.110	2.79	1.729	43.92	3439	5118
250	37	4	0.110	2.79	1.888	47.96	4046	6021
350	37	3	0.110	2.79	2.137	54.28	5474	8145
500	37	2	0.110	2.79	2.448	62.18	7586	11288