

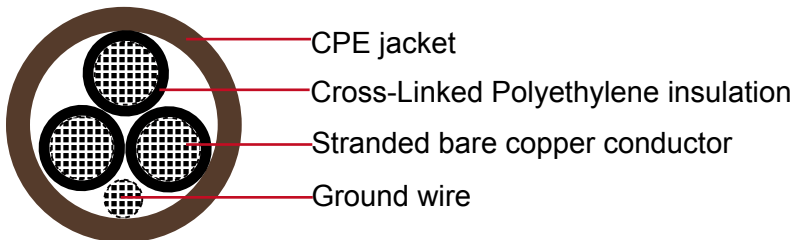


XHHW/CPE, 3-core, 600V, Type TC Power Cable

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	0.681	17.30	327	486
6	7	8	0.060	1.52	0.766	19.46	465	691
4	7	8	0.060	1.52	0.797	20.24	610	907
2	7	6	0.080	2.03	0.96	24.38	958	1425
1	19	6	0.080	2.03	1.097	27.86	1169	1739
1/0	19	6	0.080	2.03	1.182	30.02	1426	2121
2/0	19	6	0.080	2.03	1.277	32.44	1711	2546
3/0	19	4	0.080	2.03	1.385	35.18	2144	3190
4/0	19	4	0.080	2.03	1.506	38.25	2591	3855
250	37	4	0.080	2.03	1.653	41.99	3036	4517
350	37	3	0.110	2.79	1.935	49.15	4231	6295
500	37	2	0.110	2.79	2.214	56.24	5853	8709
750	61	1	0.110	2.79	2.663	67.64	8568	12750