

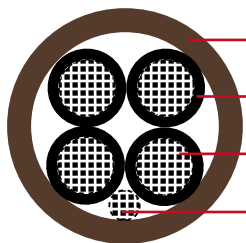


XHHW/XLPO, 4-core, Type TC Power Cable

Applications:

XHHW/XLPO, 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 approved 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. 6 and 8 AWG constructions with insulated grounds (standard) and 4 AWG and larger with bare or insulated ground are UL Listed for exposed runs (ER) per NEC 336.10.

Construction:



- XLPO jacket
- Cross-Linked Polyethylene insulation
- Stranded bare copper conductor
- Ground wire

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 XLPO (LSOH is available upon request)

Color: upon request, black is preferable

Compliances:

- ▶ UL 1277 - Electrical Power and Control Tray Cables
- ▶ UL 1581 - Electrical Wires, Cables and Flexible Cords
- ▶ ICEA S-58-679 Method 4
- ▶ UL 1685 - UL CT Flame Exposure Test (70,000 Btu/hr)
- ▶ ICEA T-29-520 - Vertical Cable Tray Flame Test (210,000 Btu/hr)
- ▶ IEEE 1202/FT4 - Flame Test of Cables for Use in Cable Tray in Industrial and Commercial Occupancies (70,000 Btu/hr)



American Standard UL

Parameters:

AWG or kcmil	Strand	Ground Wire Size AWG	Nominal jacket Thickness		Nominal Overall Diameter		Cable Weight	
			Inch/mm	Inch/mm	Inch/mm	Inch/mm	Lbs/kft	kg/km
8	7	10	0.060	1.52	0.747	18.97	404	601
6	7	8	0.080	2.03	0.882	22.40	613	912
4	7	8	0.080	2.03	0.917	23.29	802	1193
2	7	6	0.080	2.03	1.054	26.77	1191	1772
1	19	6	0.080	2.03	1.21	30.73	1503	2236
1/0	19	6	0.080	2.03	1.307	33.20	1806	2688
2/0	19	6	0.080	2.03	1.411	35.84	2199	3272
3/0	19	4	0.080	2.03	1.529	38.84	2744	4084
4/0	19	4	0.110	2.79	1.724	43.79	3427	5100
250	37	4	0.110	2.79	1.888	47.96	4030	5996
350	37	3	0.110	2.79	2.137	54.28	5454	8115
500	37	2	0.110	2.79	2.448	62.18	7562	11252