

POWER CABLE

XHHW-2 POWER CABLE - TYPE TC - NEC® ARTICLE 340 - 90°C WET & DRY - 600 VOLT

Construction

Conductor:

- Class B stranded uncoated copper conductor.

Insulation:

- XLP crosslinked polyethylene insulation, surface print phase identification (black and numbered).

Cabling:

- Three insulated conductors twisted with a Class B stranded uncoated copper grounding conductor and suitable fillers, cable tape.

Jacket:

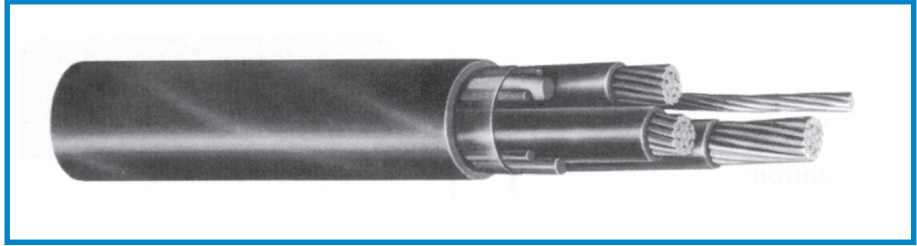
- Black PVC jacket overall, surface printed.

Application:

- As flame-retardant three conductor power cables rated 600 volts, 90°C in wet or dry locations. Specifically approved for installation in cable trays per Article 340 of the NEC. Type TC cables are approved for use in Class I and II, Division 2 hazardous locations. Cables may be installed in open air, in ducts or conduits, in tray or trough, or direct buried.

Industry Approvals:

- Listed by UL as Type TC Tray Cable per Article 340 of the NEC.
- Individual conductors UL listed as Type XHHW-2.
- Overall jacket UL listed as Sunlight Resistant.
- Cables pass UL and IEEE-383 ribbon burner flame tests.
- Cables UL listed for Direct Burial.
- Cables meet requirements of ICEA Pub. No. S-66-524 and NEMA Pub. No. WC7 for Crosslinked Polyethylene insulated Wire and Cable.



CUSTOM CATALOG NUMBER	SIZE	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	GROUND COND.	CURRENT (AMPS*)		NOMINAL WEIGHT
	AWG/MCM		INSULATION	JACKET	INCHES		AWG	75°C	90°C
THREE CONDUCTORS WITH GROUNDING CONDUCTOR									
13100	8	7	0.045	0.060	0.660	10	50	55	325
13101	6	7	0.045	0.060	0.740	8	65	75	450
13102	4	7	0.045	0.080	0.880	8	85	95	655
13103	2	7	0.045	0.080	1.000	6	115	130	960
13104	1	19	0.055	0.080	1.130	6	130	150	1170
13105	1/0	19	0.055	0.080	1.220	6	150	170	1425
13106	2/0	19	0.055	0.080	1.310	6	175	195	1720
13107	3/0	19	0.055	0.080	1.420	4	200	225	2140
13108	4/0	19	0.055	0.080	1.550	4	230	260	2635
13109	250	37	0.065	0.110	1.760	4	255	290	3180
13110	350	37	0.065	0.110	1.980	3	310	350	4285
13111	500	37	0.065	0.110	2.260	2	380	430	5940
13112	750	61	0.080	0.110	2.710	1	475	535	9010
13113	1000	61	0.080	0.140	3.100	1/0	545	615	11700

* Ampacity in accordance with Art. 318-11 of the NEC for cables installed in uncovered cable tray with or without maintained spacing and to cable installed in raceway in free air; at the conductor temperature indicated, in wet or dry locations, 30°C ambient temperature.

- NOTES:
1. Grounding conductor per UL Standard 1277 for Type TC Tray Cable.
 2. Cables available with Neoprene, Hypalon® or CPE® overall jacket.
 3. We reserve the right to supply other UL approved ground configurations unless otherwise specified.

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