

## 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:

- Four insulated conductors twisted with a Class B stranded uncoated copper grounding conductor in two opposite valleys, suitable fillers, cable tape.

#### Jacket:

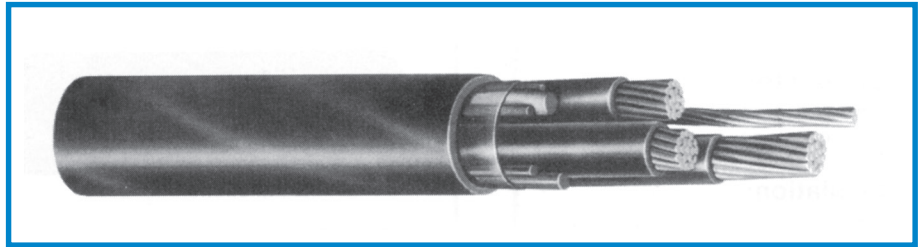
- PVC jacket overall, surface printed.

#### Application:

- As flame-retardant four 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.

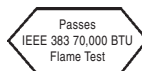
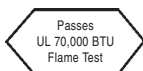


CUSTOM CATALOG NUMBER	SIZE	STRAND	NOMINAL THICKNESS (INCHES)		NOMINAL O.D.	GROUND COND.	CURRENT (AMPS)				NOMINAL WEIGHT
	AWG/MCM		INSULATION	JACKET	INCHES		SIZE¹ (AWG)	90°C DIRECT BURIAL*	75°C DIRECT BURIAL*	90°C TRAY**	75°C TRAY**
<b>FOUR CONDUCTORS WITH GROUNDING CONDUCTOR</b>											
13120	8	7	0.045	0.060	0.720	12	44	40	55	50	415
13121	6	7	0.045	0.060	0.810	10	60	52	75	65	575
13122	4	7	0.045	0.080	0.960	10	76	68	95	85	840
13123	2	7	0.045	0.080	1.100	9	104	92	130	115	1200
13124	1	19	0.055	0.080	1.250	9	120	104	150	130	1545
13125	1/0	19	0.055	0.080	1.350	9	104	120	170	150	1835
13126	2/0	19	0.055	0.080	1.450	9	156	140	195	175	2195
13127	3/0	19	0.055	0.080	1.580	7	180	160	225	200	2800
13128	4/0	19	0.055	0.110	1.770	7	208	184	260	230	3460
13129	250	37	0.065	0.110	1.930	7	232	204	290	255	4040
13130	350	37	0.065	0.110	2.180	6	280	248	350	310	5475
13131	500	37	0.065	0.110	2.500	5	344	304	430	380	7635
13132	750	61	0.080	0.140	3.120	4	428	380	535	475	11400

\* Ampacity in accordance with the NEC for cables in raceway or directly buried, at the conductor temperature indicated in wet or dry locations, 30°C ambient temperature.

\*\* Ampacity in accordance with Art. 318-11 of the NEC for cables installed in uncovered cable tray with or without maintained spacing, at the conductor temperature indicated in wet or dry locations, 30°C ambient temperature. Derating for more than three conductors per Note 8 (a) of Art. 310 notes to ampacity tables of 0 to 2000 volts shall not apply to the ampacity of cables in cable trays.

- NOTES: 1. Grounding conductors 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 ground configurations unless otherwise specified.



# Custom Cable Corp.