



## Tray Cable

**XHHW-2/EnviroPlus®**  
**Factory Mutual Group 1 Spec. Tested**  
**Zero Halogen, Limited Smoke**  
**600 Volt Copper**

### Description:

Conductors are stranded, annealed copper, insulated with heat and moisture resistant crosslinked polyethylene (type XHHW-2) and phase identified. Cabled with fillers (when necessary). Cable core is covered with binder tape and an overall black zero halogen, limited smoke, zero lead jacket.

### Application:

Suitable for use in hazardous locations:  
 Class I - Div 2  
 Class II - Div 2

### Standards:

UL1277  
 CSA C22.2 #239  
 ICEA S-95-658/NEMA WC-70  
 Exposed Runs Rated (TC-ER)  
 IMSA 19-1  
 Flame Rated: IEEE 383 (70,000 BTU)  
 IEEE 1202/CSA FT-4  
 UL1685 and UL 1581  
 Two-hour Firewall  
 Temperature Rated 90°C Wet/Dry  
 Cold Temperature Rated at -40°C  
 Sunlight Resistant  
 Direct Burial  
 Color Code: K-2 (optional color codes available)  
 Zero Halogen, Limited Smoke Jacket  
 RoHS Compliant

Part Number	Number of Conductors	Overall Jacket (mils)	Nominal Diameter (inches)	Approx. Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
#14 AWG	TCNH14/2	2	0.39	70	25†
	TCNH14/3	3	0.41	90	25†
	TCNH14/4	4	0.45	111	20†
	TCNH14/5	5	0.48	133	20†
	TCNH14/7	7	0.55	189	17†
	TCNH14/9	9	0.64	236	17†
	TCNH14/12	12	0.71	299	12
	TCNH14/37	37	1.12	841	10
#12 AWG	TCNH12/2	2	0.43	91	30†
	TCNH12/3	3	0.45	120	30†
	TCNH12/4	4	0.49	151	24†
	TCNH12/5	5	0.57	199	24†
	TCNH12/7	7	0.61	258	21†
	TCNH12/9	9	0.70	324	21†
	TCNH12/12	12	0.79	414	15
	TCNH12/37	37	1.26	1,188	12
#10 AWG	TCNH10/2	2	0.48	122	40†
	TCNH10/3	3	0.50	164	40†
	TCNH10/4	4	0.58	225	32†
	TCNH10/5	5	0.63	271	32†
	TCNH10/7	7	0.68	357	28
	TCNH10/9	9	0.79	450	28
	TCNH10/12	12	0.92	618	20
	TCNH10/37	37	1.42	1,692	16

\*Per NEC Table 310-16. (Ampacity derated in accordance with note 8a.)

†The overcurrent protection for items marked with an (†) shall not exceed 15 amps for #14 AWG, and 20 amps for #12 AWG and 30 amps for #10 AWG per NEC 310-16 footnote.

NOTE: The data shown is approximate and subject to standard industry tolerances

Tray & Power Cables