



Tray Cable

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

Description:

3 or 4 conductors, stranded copper, insulated with heat and moisture resistant crosslinked polyethylene (type XHHW-2) and phase identified. Cabled with fillers and bare copper ground conductor. Cable core is covered with binder tape and 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 #230
 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 at 90°C Wet/Dry
 Cold Temperature Rated at -40°C
 Sunlight Resistant
 Direct Burial
 Color Code: Method 4 (except #8 AWG is K-2)
 Zero Halogen, Limited Smoke Jacket
 RoHS Compliant

	Part Number	Size AWG or Kcmil	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	Jacket Thickness (mils)	Approx. Diameter Overall (inch)	Approx. Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
THREE CONDUCTOR	TCNH8/3G	8	7	45	10	60	0.66	305	55
	TCNH8/3GG	8	7	45	10	60	0.71	319	55
	TCNH6/3G	6	7	45	8	60	0.74	457	75
	TCNH6/3GG	6	7	45	8	60	0.81	489	75
	TCNH4/3G	4	7	45	8	80	0.89	675	95
	TCNH3/3G	3	7	45	6	80	0.94	827	115
	TCNH2/3G	2	7	45	6	80	1.00	984	130
	TCNH1/3G	1	19	55	6	80	1.11	1,205	145
	TCNH1/03G	1/0	19	55	6	80	1.20	1,495	170
	TCNH2/03G	2/0	19	55	6	80	1.30	1,768	195
	TCNH3/03G	3/0	19	55	4	80	1.40	2,194	225
	TCNH4/03G	4/0	19	55	4	80	1.53	2,676	260
	TCNH250/3G	250	37	65	4	110	1.77	3,231	290
	TCNH350/3G	350	37	65	3	110	1.99	4,349	350
TCNH500/3G	500	37	65	2	110	2.25	5,976	430	
TCNH600/3G	600	61	80	2	110	2.51	7,149	475	
TCNH750/3G	750	61	80	1	140	2.78	8,946	535	
FOUR CONDUCTOR	TCNH8/4G	8	7	45	10	60	0.72	378	55
	TCNH8/4GG	8	7	45	10	60	0.78	392	55
	TCNH6/4G	6	7	45	8	60	0.81	568	75
	TCNH6/4GG	6	7	45	8	80	0.92	640	75
	TCNH4/4G	4	7	45	8	80	0.97	845	95
	TCNH3/4G	3	7	45	6	80	1.03	1,035	115
	TCNH2/4G	2	7	45	6	80	1.10	1,240	130
	TCNH1/4G	1	19	55	6	80	1.22	1,528	145
	TCNH1/04G	1/0	19	55	6	80	1.32	1,862	170
	TCNH2/04G	2/0	19	55	6	80	1.43	2,265	195
	TCNH3/04G	3/0	19	55	4	80	1.55	2,811	225
	TCNH4/04G	4/0	19	55	4	110	1.75	3,549	260
	TCNH250/4G	250	37	65	4	110	1.95	4,145	290
	TCNH350/4G	350	37	65	3	110	2.20	5,602	350
	TCNH500/4G	500	37	65	2	140	2.49	7,729	430
	TCNH600/4G	600	61	80	2	140	2.84	9,434	475
TCNH750/4G	750	61	80	1	140	3.08	11,575	535	

*Per NEC Table 310-16. 4-Conductor ampacity assumes three are hot and one is neutral.
 NOTE: The data shown is approximate and subject to standard industry tolerances.