



Tray Cable

XHHW-2/EnviroPlus®

50% Ground

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 Conductors (AWG)	Jacket Thickness (mils)	Approx. Diameter Overall (inch)	Approx. Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
THREE CONDUCTOR	TCNH8/3G3#14	8	7	45	3-#14	60	0.66	311	55
	TCNH6/3G3#12	6	7	45	3-#12	60	0.74	466	75
	TCNH4/3G3#10	4	7	45	3-#10	80	0.89	717	95
	TCNH2/3G3#8	2	7	45	3-#8	80	1.00	1,050	130
	TCNH1/3G3#8	1	19	55	3-#8	80	1.11	1,271	145
	TCNH1/03G3#6	1/0	19	55	3-#6	80	1.20	1,610	170
	TCNH2/03G3#6	2/0	19	55	3-#6	80	1.30	1,918	195
	TCNH3/03G3#4	3/0	19	55	3-#4	80	1.40	2,432	225
	TCNH4/03G3#4	4/0	19	55	3-#4	80	1.53	2,914	260
	TCNH250/3G3#4	250	37	65	3-#4	110	1.77	3,469	290
	TCNH350/3G3#2	350	37	65	3-#2	110	1.99	4,768	350
	TCNH500/3G3#1	500	37	65	3-#1	110	2.25	6,513	430
TCNH750/3G3-2/0	750	61	80	3-2/0	140	2.78	9,858	535	
FOUR CONDUCTOR	TCNH8/4G3#14	8	7	45	3-#14	60	0.72	384	55
	TCNH6/4G3#12	6	7	45	3-#12	60	0.81	577	75
	TCNH4/4G3#10	4	7	45	3-#10	80	0.97	887	95
	TCNH2/4G3#8	2	7	45	3-#8	80	1.10	1,306	130
	TCNH1/4G3#8	1	19	55	3-#8	80	1.22	1,594	145
	TCNH1/04G3#6	1/0	19	55	3-#6	80	1.32	2,011	170
	TCNH2/04G3#6	2/0	19	55	3-#6	80	1.43	2,415	195
	TCNH3/04G3#4	3/0	19	55	3-#4	80	1.55	3,049	225
	TCNH4/04G3#4	4/0	19	55	3-#4	110	1.75	3,787	260
	TCNH250/4G3#4	250	37	65	3-#4	110	1.95	4,382	290
	TCNH350/4G3#2	350	37	65	3-#2	110	2.20	6,020	350
	TCNH500/4G3#1	500	37	65	3-#1	110	2.49	8,266	430
	TCNH750/4G3-2/0	750	61	80	3-2/0	140	3.08	12,487	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.