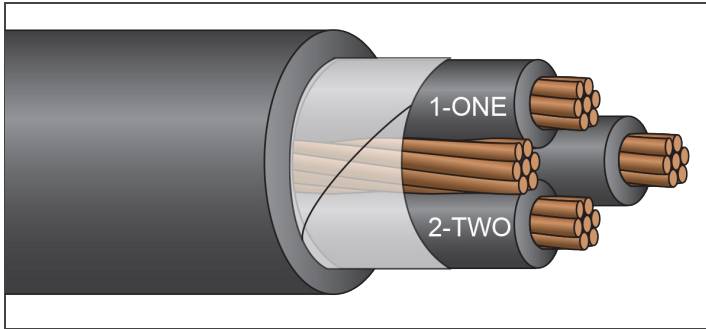


TRAY & POWER CABLES



TRAY CABLE

XHHW-2 or RW90/EnviroPlus® 50% Ground

600/1,000 Volt Copper, LSZH Jacket
 3 Conductor, Factory Mutual Group 1



Description:

Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type XHHW-2 or RW90*), phase identified and cabled together with fillers (*when necessary*) and three bare copper ground conductors. Cable core is covered with binder tape and overall black low smoke, zero halogen, lead-free jacket.

Available with tinned conductors.

Application:

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

Standards:

UL1277
 CSA C22.2 #230 TC
 ICEA S-95-658/NEMA WC-70
 Exposed Runs Rated (*TC-ER*)
 IMSA 19-1 (*K-1 Colors*)
 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: Black and Numbered (*optional color codes available*)
 Low Smoke, Zero Halogen Jacket
 RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductors (AWG)	Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb/1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
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	80	1.64	3,322	290
TCNH350/3G3#2	350	37	65	(3) #2	110	1.92	4,713	350
TCNH500/3G3#1	500	37	65	(3) #1	110	2.19	6,461	430

*Per NEC Table 310.15 (B)(16). Four-conductor ampacity assumes three are hot and one is neutral. NOTE: The data shown is approximate and subject to standard industry tolerances.