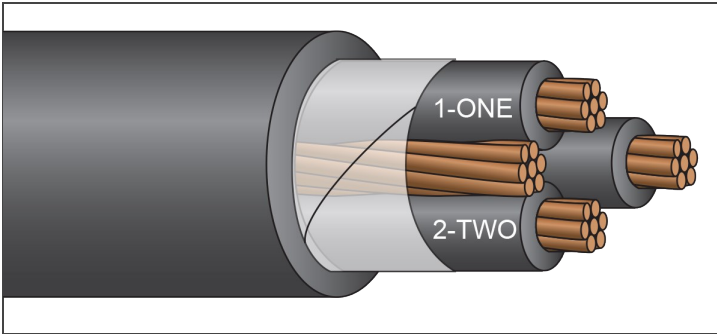


TRAY & POWER CABLE



TRAY CABLE

RW90/EnviroPlus®

600 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 and bare copper ground conductor. 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: Method 4 (optional color codes available)
 Low Smoke, Zero Halogen Jacket
 RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
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	80	1.64	3,084	290
TCNH350/3G	350	37	65	3	110	1.92	4,294	350
TCNH500/3G	500	37	65	2	110	2.19	5,925	430
TCNH600/3G	600	61	80	2	110	2.41	7,064	475

*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.