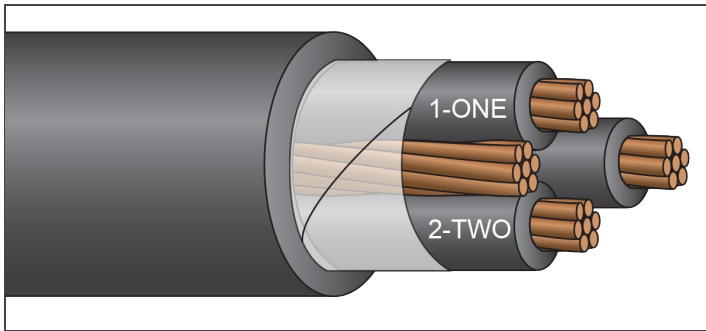


## TRAY & POWER CABLES



## TRAY CABLE

### RW90/EnviroPlus®

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 USE-2 or RW90 1kV*), 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	60	10	60	0.72	329	55
TCNH6/3G	6	7	60	8	60	0.81	490	75
TCNH4/3G	4	7	60	8	80	0.95	715	95
TCNH3/3G	3	7	60	6	80	1.00	868	115
TCNH2/3G	2	7	60	6	80	1.07	1,028	130
TCNH1/3G	1	19	80	6	80	1.22	1,287	145
TCNH1/03G	1/0	19	80	6	80	1.31	1,551	170
TCNH2/03G	2/0	19	80	6	80	1.41	1,866	195
TCNH3/03G	3/0	19	80	4	80	1.51	2,299	225
TCNH4/03G	4/0	19	80	4	80	1.64	2,790	260
TCNH250/3G	250	37	95	4	110	1.83	3,347	290
TCNH350/3G	350	37	95	3	110	2.05	4,472	350
TCNH500/3G	500	37	95	2	110	2.32	6,126	430
TCNH600/3G	600	61	110	2	110	2.54	7,285	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.