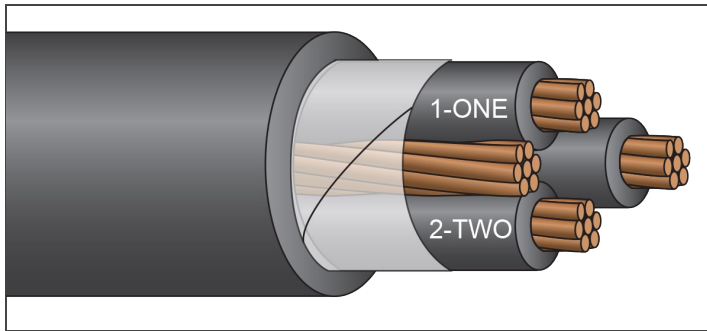


## TRAY & POWER CABLES



## TRAY CABLE

### RW90/EnviroPlus® 50% Ground

600 Volt Copper, LSZH Jacket

3 or 4 Conductor, Factory Mutual Group 1



### Description:

Three or four 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: 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 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
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	1.88	4,330	290
TCNH350/4G3#2	350	37	65	(3) #2	110	2.12	5,956	350
TCNH500/4G3#1	500	37	65	(3) #1	110	2.42	8,206	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.