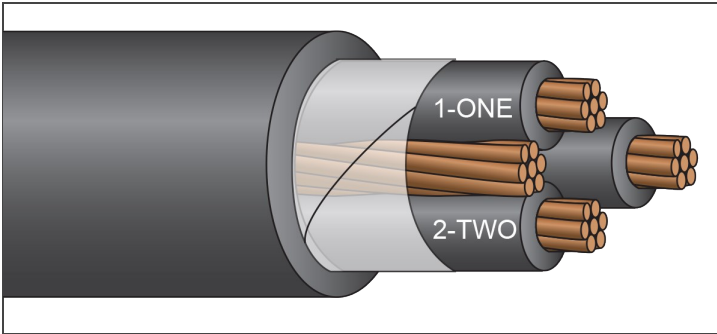


TRAY & POWER CABLE



TRAY CABLE
XHHW-2 or RW90/EnviroPlus® 50% Ground

600 Volt Copper, Zero Halogen, Limited Smoke
3 or 4 Conductor, Factory Mutual Group 1



Description:

3 or 4 conductors, stranded copper, insulated with heat and moisture resistant crosslinked polyethylene (*type XHHW-2 or RW90*) and phase identified. Cabled with fillers and 3 bare copper ground conductors. Cable core is covered with binder tape and overall black zero halogen, limited smoke, zero lead 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, K-2 (#8 AWG)
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 (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 |
| TCNH750/3G3-2/0 | 750 | 61 | 80 | 3-2/0 | 110 | 2.62 | 9,602 | 535 |
| TCNH1000/3G3-3/0 | 1000 | 61 | 80 | 3-3/0 | 140 | 3.14 | 12,832 | 615 |
| 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 |
| TCNH750/4G3-2/0 | 750 | 61 | 80 | 3-2/0 | 140 | 2.97 | 12,378 | 535 |
| TCNH1000/4G3-3/0 | 750 | 61 | 80 | 3-3/0 | 140 | 3.48 | 16,298 | 615 |

*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.