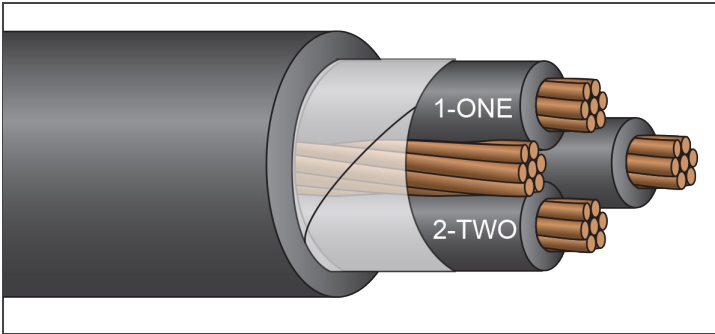


TRAY & POWER CABLE



TRAY CABLE

XHHW-2 or RW90/EnviroPlus®

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



Description:

3 conductors, stranded copper, insulated with heat and moisture resistant crosslinked polyethylene (*type XHHW-2 or RW90*) and phase identified. Cabled with fillers and bare copper ground conductor. 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 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 |
| TCNH750/3G | 750 | 61 | 80 | 1 | 110 | 2.62 | 8,690 | 535 |
| TCNH1000/3G | 1000 | 61 | 80 | 1/0 | 140 | 3.14 | 11,682 | 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.