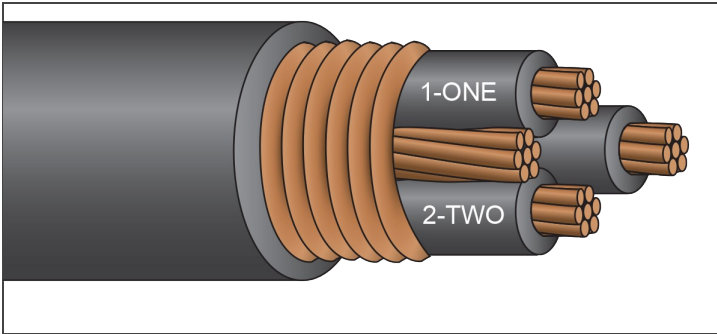


## TRAY & POWER CABLE



## TRAY CABLE

### XHHW-2 or RW90/PVC, Shielded

600/1,000 Volt Copper  
3 or 4 Conductor



### 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 bare copper ground conductor. Cable core covered with mylar binder tape, longitudinally applied corrugated copper tape shield, and overall black PVC jacket. **Available with tinned conductors. Jacket available in colors.**

### 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) (#4 AWG and larger),  
(#6 AWG and smaller with green ground or no ground)  
IMSA 19-1 (K-1 Colors)  
Flame Rated: IEEE 383 (70,000 BTU), IEEE 1202/CSA FT-4  
Two Hour Firewall  
Temperature Rated at 90°C Wet/Dry  
Sunlight Resistant, Gasoline and Oil Resistant II Jacket  
Direct Burial  
Color Code: Black and Numbered  
K-2 Solid Colors (#14 AWG - #10 AWG)  
(optional color codes available)  
RoHS Compliant

| Part Number  | Size (AWG or Kcmil) | Strand (no.) | Insulation Thickness (mils) | Grounding Conductor (AWG) | PVC Jacket Thickness (mils) | Approx. Diameter Overall (in.) | Approx. Net Weight (lb./1000') | Ampacity* (30°C ambient) 90°C Wet/Dry |
|--------------|---------------------|--------------|-----------------------------|---------------------------|-----------------------------|--------------------------------|--------------------------------|---------------------------------------|
| TCXHSHC14/3G | 14                  | 7            | 30                          | 14                        | 45                          | 0.40                           | 134                            | 25†                                   |
| TCXHSHC12/3G | 12                  | 7            | 30                          | 12                        | 45                          | 0.44                           | 174                            | 30†                                   |
| TCXHSHC10/3G | 10                  | 7            | 30                          | 10                        | 45                          | 0.49                           | 232                            | 40†                                   |
| TCXHSHC8/3G  | 8                   | 7            | 45                          | 10                        | 60                          | 0.64                           | 346                            | 55                                    |
| TCXHSHC6/3G  | 6                   | 7            | 45                          | 8                         | 60                          | 0.72                           | 504                            | 75                                    |
| TCXHSHC4/3G  | 4                   | 7            | 45                          | 8                         | 80                          | 0.87                           | 728                            | 95                                    |
| TCXHSHC2/3G  | 2                   | 7            | 45                          | 6                         | 80                          | 0.99                           | 1,043                          | 130                                   |
| TCXHSHC1/3G  | 1                   | 19           | 55                          | 6                         | 80                          | 1.10                           | 1,272                          | 145                                   |
| TCXHSHC14/4G | 14                  | 7            | 30                          | 14                        | 45                          | 0.43                           | 157                            | 25†                                   |
| TCXHSHC12/4G | 12                  | 7            | 30                          | 12                        | 45                          | 0.48                           | 207                            | 30†                                   |
| TCXHSHC10/4G | 10                  | 7            | 30                          | 10                        | 60                          | 0.56                           | 294                            | 40†                                   |
| TCXHSHC8/4G  | 8                   | 7            | 45                          | 10                        | 60                          | 0.70                           | 424                            | 55                                    |
| TCXHSHC6/4G  | 6                   | 7            | 45                          | 8                         | 60                          | 0.79                           | 617                            | 75                                    |
| TCXHSHC4/4G  | 4                   | 7            | 45                          | 8                         | 80                          | 0.95                           | 901                            | 95                                    |
| TCXHSHC2/4G  | 2                   | 7            | 45                          | 6                         | 80                          | 1.09                           | 1,306                          | 130                                   |

\*Per NEC Table 310.15 (B)(16). Four-conductor ampacity assumes three are hot and one is neutral. †The overcurrent protection for items marked with an obelisk (†) shall not exceed 15 amps for #14 AWG, 20 amps for #12 AWG and 30 amps for #10 AWG per NEC 310-16 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.