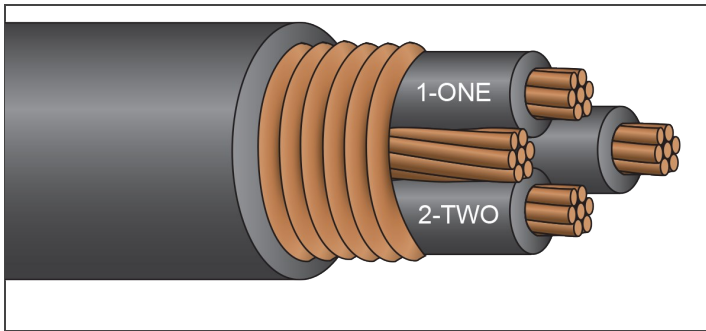


TRAY & POWER CABLES



TRAY CABLE

XHHW-2 or RW90/ServiceCPE®, 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 CPE 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
UL 1581, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -25°C
Sunlight Resistant, Gasoline and Oil Resistant I 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) | 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 |
|---------------|------------|--------------|-----------------------------|---------------------------|-------------------------|--------------------------------|--------------------------------|---------------------------------------|
| TCCPESHC14/3G | 14 | 7 | 30 | 14 | 45 | 0.40 | 134 | 25† |
| TCCPESHC12/3G | 12 | 7 | 30 | 12 | 45 | 0.44 | 175 | 30† |
| TCCPESHC10/3G | 10 | 7 | 30 | 10 | 45 | 0.49 | 233 | 40† |
| TCCPESHC8/3G | 8 | 7 | 45 | 10 | 60 | 0.64 | 347 | 55 |
| TCCPESHC6/3G | 6 | 7 | 45 | 8 | 60 | 0.72 | 505 | 75 |
| TCCPESHC4/3G | 4 | 7 | 45 | 8 | 80 | 0.87 | 729 | 95 |
| TCCPESHC2/3G | 2 | 7 | 45 | 6 | 80 | 0.99 | 1,045 | 130 |
| TCCPESHC1/3G | 1 | 19 | 55 | 6 | 80 | 1.10 | 1,274 | 145 |
| <hr/> | | | | | | | | |
| TCCPESHC14/4G | 14 | 7 | 30 | 14 | 45 | 0.43 | 158 | 25† |
| TCCPESHC12/4G | 12 | 7 | 30 | 12 | 45 | 0.48 | 208 | 30† |
| TCCPESHC10/4G | 10 | 7 | 30 | 10 | 60 | 0.56 | 295 | 40† |
| TCCPESHC8/4G | 8 | 7 | 45 | 10 | 60 | 0.70 | 426 | 55 |
| TCCPESHC6/4G | 6 | 7 | 45 | 8 | 60 | 0.79 | 618 | 75 |
| TCCPESHC4/4G | 4 | 7 | 45 | 8 | 80 | 0.95 | 903 | 95 |
| TCCPESHC2/4G | 2 | 7 | 45 | 6 | 80 | 1.08 | 1,309 | 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.