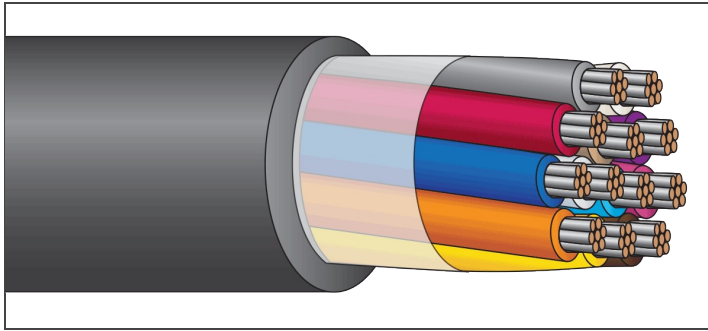


TRAY & POWER CABLES



TRAY CABLE

XHHW-2 or RW90/EnviroPlus®

600/1,000 Volt Copper, LSZH Jacket
Factory Mutual Group 1



Description:

Stranded copper conductors, insulated with heat and moisture resistant, chemically crosslinked polyethylene (type XHHW-2 or RW90), phase identified and cabled together with fillers (when necessary). Cable core is covered with binder tape and an overall black low smoke, zero halogen, lead-free jacket.
Available with non-tinned conductors.

Application:

Suitable for use in hazardous locations: Class I - Div 2, Class II - Div 2.

Standards:

UL1277, CSA C22.2 #230/#239 TC/CIC
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 90°C Wet/Dry, Cold Temperature Rated at -40°C
Sunlight Resistant
Direct Burial
Color Code: K-2 Solid Colors (optional color codes available)
Low Smoke, Zero Halogen Jacket
RoHS Compliant

| Part Number | Number of Conductors | Overall Jacket (milis) | Nominal Diameter (in.) | Approx. Net Weight (lb./1000') | Ampacity (30°C ambient) 90°C Wet/Dry |
|-------------|----------------------|------------------------|------------------------|--------------------------------|--------------------------------------|
| TCNH14/2T | 2 | 45 | 0.39 | 70 | 25† |
| TCNH14/3T | 3 | 45 | 0.41 | 90 | 25† |
| TCNH14/4T | 4 | 45 | 0.45 | 111 | 20† |
| TCNH14/5T | 5 | 45 | 0.48 | 133 | 20† |
| TCNH14/7T | 7 | 60 | 0.55 | 189 | 17† |
| TCNH14/9T | 9 | 60 | 0.64 | 236 | 17† |
| TCNH14/12T | 12 | 60 | 0.71 | 299 | 12 |
| TCNH14/19T | 19 | 60 | 0.82 | 439 | 12 |
| TCNH14/37T | 37 | 80 | 1.12 | 841 | 10 |
| <hr/> | | | | | |
| TCNH12/2T | 2 | 45 | 0.43 | 91 | 30† |
| TCNH12/3T | 3 | 45 | 0.45 | 120 | 30† |
| TCNH12/4T | 4 | 45 | 0.49 | 151 | 24† |
| TCNH12/5T | 5 | 60 | 0.57 | 199 | 24† |
| TCNH12/7T | 7 | 60 | 0.61 | 258 | 21† |
| TCNH12/9T | 9 | 60 | 0.70 | 324 | 21† |
| TCNH12/12T | 12 | 60 | 0.79 | 414 | 15 |
| TCNH12/19T | 19 | 80 | 0.95 | 656 | 15 |
| TCNH12/37T | 37 | 80 | 1.26 | 1,188 | 12 |
| <hr/> | | | | | |
| TCNH10/2T | 2 | 45 | 0.48 | 122 | 40† |
| TCNH10/3T | 3 | 45 | 0.50 | 164 | 40† |
| TCNH10/4T | 4 | 60 | 0.58 | 225 | 32† |
| TCNH10/5T | 5 | 60 | 0.63 | 271 | 32† |
| TCNH10/7T | 7 | 60 | 0.68 | 357 | 28 |
| TCNH10/9T | 9 | 60 | 0.79 | 450 | 28 |
| TCNH10/12T | 12 | 80 | 0.92 | 618 | 20 |
| TCNH10/19T | 19 | 80 | 1.07 | 920 | 20 |
| TCNH10/37T | 37 | 80 | 1.42 | 1,692 | 16 |

*Per the NEC, when specified with a separate ground or when one conductor is specified as the cable ground. †The overcurrent protection for items marked with an (†) 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.