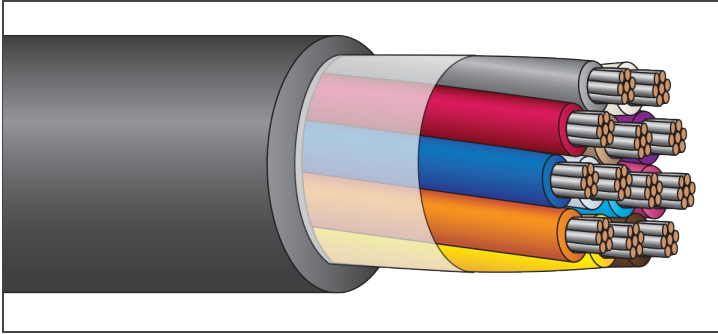


TRAY & POWER CABLE



**TRAY CABLE**  
**RW90/EnviroPlus®**  
600 Volt Copper, LSZH  
Factory Mutual Group 1



**Description:**

Conductors are stranded, annealed copper, insulated with heat and moisture resistant crosslinked polyethylene (*type XHHW- 2 or RW90*) and phase identified. Cabled with fillers (*when necessary*). Cable core is covered with binder tape and an overall black zero halogen, limited smoke, zero lead 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 (*optional color codes available*)  
Zero Halogen, Limited Smoke Jacket  
RoHS Compliant

| Part Number | Number of Conductors | Overall Jacket (mils) | 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                                    |
|             |                      |                       |                        |                                |                                       |
| 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                                    |
|             |                      |                       |                        |                                |                                       |
| 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 NEC Table 310.15 (B)(16). (Ampacity derated in accordance with note 8a.) †The overcurrent protection for items marked with an (†) shall not exceed 15 amps for #14 AWG, and 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.