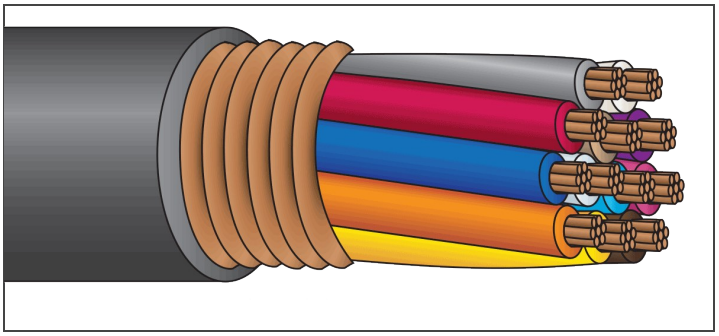
*TRAY & POWER CABLES*



# TRAY CABLE

## RW90/PVC, Shielded

600 Volt Copper

ISO 9001: 2015 RoHS COMPLIANT Made in the USA REACH COMPLIANCE

### Description:

Class B 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 covered with mylar binder tape, longitudinally applied corrugated copper tape shield and an 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:

UL 1277
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, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry
Sunlight and Oil Resistant II Jacket
Direct Burial
Color Code: K-2 Solid Colors *(optional color codes available)*
RoHS Compliant

| Part Number | Number of Conductors | Overall Jacket (mils) | Nominal Diameter (inches) | Approx. Net Weight (lb./1000') | Ampacity (30°C ambient) 90°C Wet/Dry |
|---|---|---|---|---|---|
| **TCXHSHC14/2** | **2** | **45** | **0.45** | **107** | **25†** |
| **TCXHSHC14/3** | **3** | **45** | **0.47** | **127** | **25†** |
| **TCXHSHC14/4** | **4** | **45** | **0.50** | **151** | **20†** |
| **TCXHSHC14/5** | **5** | **60** | **0.57** | **190** | **20†** |
| **TCXHSHC14/7** | **7** | **60** | **0.61** | **237** | **17†** |
| **TCXHSHC14/9** | **9** | **60** | **0.69** | **286** | **17†** |
| **TCXHSHC14/12** | **12** | **60** | **0.76** | **353** | **12** |
| **TCXHSHC14/19** | **19** | **80** | **0.91** | **536** | **12** |
| | | | | | |
| **TCXHSHC12/2** | **2** | **45** | **0.48** | **128** | **30†** |
| **TCXHSHC12/3** | **3** | **45** | **0.51** | **159** | **30†** |
| **TCXHSHC12/4** | **4** | **60** | **0.58** | **209** | **24†** |
| **TCXHSHC12/5** | **5** | **60** | **0.62** | **243** | **24†** |
| **TCXHSHC12/7** | **7** | **60** | **0.67** | **305** | **21†** |
| **TCXHSHC12/9** | **9** | **60** | **0.76** | **376** | **21†** |
| **TCXHSHC12/12** | **12** | **80** | **0.88** | **503** | **15** |
| **TCXHSHC12/19** | **19** | **80** | **1.01** | **722** | **15** |
| | | | | | |
| **TCXHSHC10/2** | **2** | **60** | **0.56** | **176** | **40†** |
| **TCXHSHC10/3** | **3** | **60** | **0.59** | **222** | **40†** |
| **TCXHSHC10/4** | **4** | **60** | **0.63** | **270** | **32†** |
| **TCXHSHC10/5** | **5** | **60** | **0.68** | **318** | **32†** |
| **TCXHSHC10/7** | **7** | **60** | **0.73** | **409** | **28†** |
| **TCXHSHC10/9** | **9** | **80** | **0.88** | **540** | **28†** |
| **TCXHSHC10/12** | **12** | **80** | **0.98** | **685** | **20** |
| **TCXHSHC10/19** | **19** | **80** | **1.12** | **994** | **20** |

**Per the NEC, when specified with a separate green 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.*