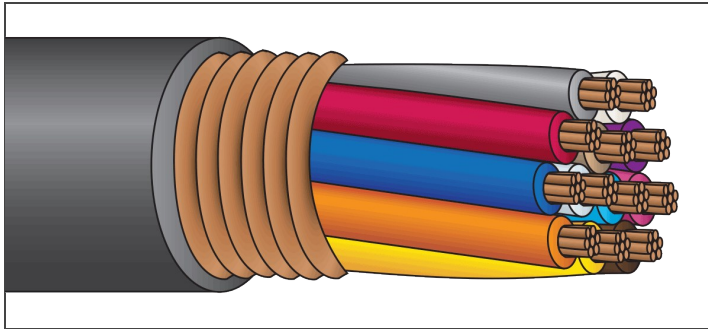


TRAY & POWER CABLES



TRAY CABLE XHHW-2 or RW90/EnviroPlus®, Shielded

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



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 is covered with mylar binder tape, longitudinally applied corrugated copper tape shield, and an overall black low smoke, zero halogen, lead-free 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/#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 (mils)	Nominal Diameter (in.)	Approx. Net Weight (lb./1000')	Ampacity (30°C ambient) 90°C Wet/Dry
TCNHSHC14/2	2	45	0.45	110	25†
TCNHSHC14/3	3	45	0.47	130	25†
TCNHSHC14/4	4	45	0.50	154	20†
TCNHSHC14/5	5	60	0.57	195	20†
TCNHSHC14/7	7	60	0.61	239	17†
TCNHSHC14/9	9	60	0.69	292	17†
TCNHSHC14/12	12	60	0.76	358	12
TCNHSHC14/19	19	80	0.91	547	12
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TCNHSHC12/2	2	45	0.48	131	30†
TCNHSHC12/3	3	45	0.51	163	30†
TCNHSHC12/4	4	60	0.58	214	24†
TCNHSHC12/5	5	60	0.62	249	24†
TCNHSHC12/7	7	60	0.67	311	21†
TCNHSHC12/9	9	60	0.76	382	21†
TCNHSHC12/12	12	80	0.88	514	15
TCNHSHC12/19	19	80	1.01	734	15
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TCNHSHC10/2	2	60	0.56	181	40†
TCNHSHC10/3	3	60	0.59	227	40†
TCNHSHC10/4	4	60	0.63	275	32†
TCNHSHC10/5	5	60	0.68	324	32†
TCNHSHC10/7	7	60	0.73	416	28†
TCNHSHC10/9	9	80	0.88	550	28†
TCNHSHC10/12	12	80	0.98	696	20
TCNHSHC10/19	19	80	1.12	1,007	20

*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.