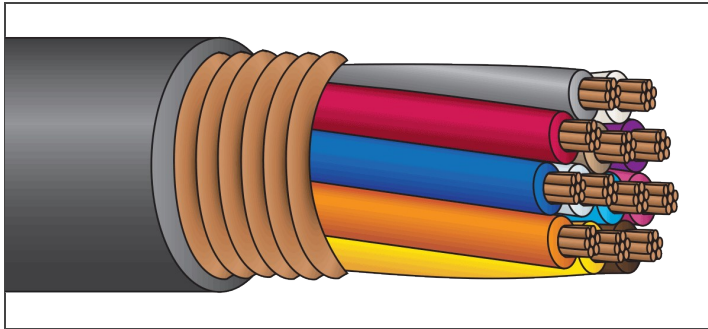


TRAY & POWER CABLES



TRAY CABLE

RW90/EnviroPlus®, Shielded

600 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.