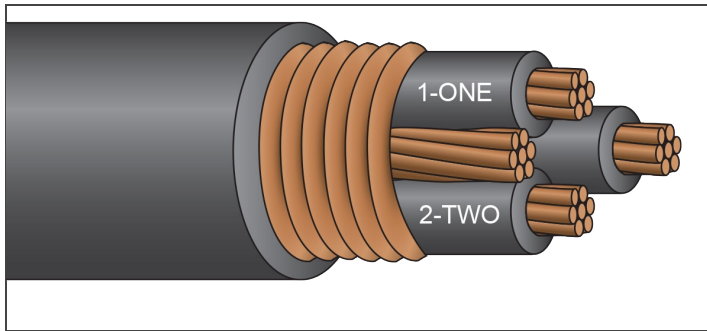


TRAY & POWER CABLES



TRAY CABLE

RW90/EnviroPlus®, Shielded

600 Volt Copper, LSZH Jacket
3 or 4 Conductor, Factory Mutual Group 1



Description:

Three or four copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (type XHHW-2 or RW90), phase identified and cabled together with fillers (when necessary) and bare copper ground conductor. Cable core is covered with mylar binder tape, longitudinally applied corrugated copper tape shield, and 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 TC
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 at 90°C Wet/Dry, Cold Temperature Rated at -40°C
Sunlight Resistant
Direct Burial
Color Code: Method 4
K-2 Solid Colors (#14 AWG - #10 AWG)
(optional color codes available)
Low Smoke, Zero Halogen Jacket
RoHS Compliant

Part Number	Size (AWG)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	PVC Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
TCNHSHC14/3G	14	7	30	14	45	0.40	136	25†
TCNHSHC12/3G	12	7	30	12	45	0.44	177	30†
TCNHSHC10/3G	10	7	30	10	45	0.49	235	40†
TCNHSHC8/3G	8	7	45	10	60	0.64	352	55
TCNHSHC6/3G	6	7	45	8	60	0.72	510	75
TCNHSHC4/3G	4	7	45	8	80	0.87	738	95
TCNHSHC2/3G	2	7	45	6	80	0.99	1,055	130
TCNHSHC1/3G	1	19	55	6	80	1.10	1,285	145
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TCNHSHC14/4G	14	7	30	14	45	0.43	160	25†
TCNHSHC12/4G	12	7	30	12	45	0.48	210	30†
TCNHSHC10/4G	10	7	30	10	60	0.56	299	40†
TCNHSHC8/4G	8	7	45	10	60	0.70	431	55
TCNHSHC6/4G	6	7	45	8	60	0.79	624	75
TCNHSHC4/4G	4	7	45	8	80	0.95	912	95
TCNHSHC2/4G	2	7	45	6	80	1.08	1,320	130

*Per NEC Table 310.15 (B)(16). Four-conductor ampacity assumes three are hot and one is neutral. †The overcurrent protection for items marked with an obelisk (†) 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.