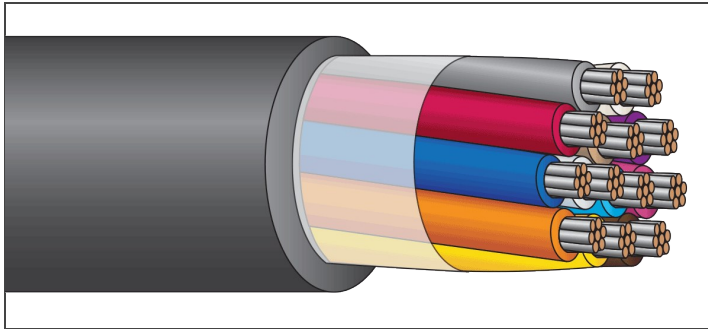


TRAY & POWER CABLES



TRAY CABLE

RW90/EnviroPlus®

600 Volt Copper, LSZH Jacket
Factory Mutual Group 1



Description:

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 binder tape and an overall black low smoke, zero halogen, lead-free 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 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
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
<hr/>					
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
<hr/>					
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 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, 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.