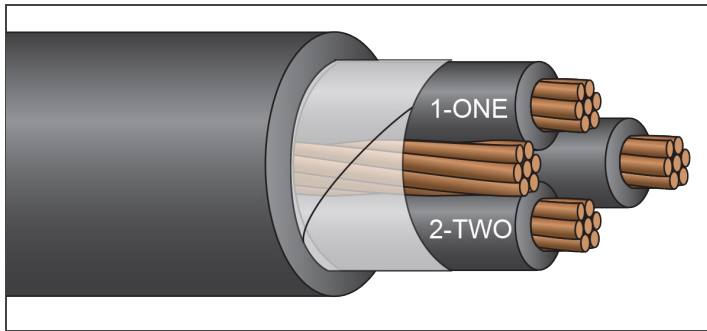


TRAY & POWER CABLES



TRAY CABLE

RW90/PVC

600 Volt Copper
3 Conductor



Description:

Three 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 covered with binder tape and overall black PVC jacket. **Jacket available in colors.**

Application:

Suitable for use in hazardous locations: Class I - Div 2, Class II - Div 2
Suitable for submersible applications.

Standards:

UL 1277
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*), ICEA T-29-520 (*210,000 BTU*)
(*1/0 AWG and larger*), IEEE 1202/CSA FT-4 (*1/0 AWG and larger*),
Two-hour Firewall
Temperature Rated at 90°C Wet/Dry
Sunlight and Oil Resistant II Jacket
Direct Burial
Color Code: Method 4
K-2 Solid Colors (*#14 AWG - #10 AWG*)
(*optional color codes available*)
RoHS Compliant

Part Number	Size (AWG or Kcmil)	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
TCXH14/3G	14	7	30	14	45	0.38	95	25†
TCXH14/3GG	14	7	30	14	45	0.41	103	25†
TCXH12/3G	12	7	30	12	45	0.42	132	30†
TCXH12/3GG	12	7	30	12	45	0.46	142	30†
TCXH10/3G	10	7	30	10	45	0.47	187	40†
TCXH10/3GG	10	7	30	10	45	0.51	198	40†
TCXH8/3G	8	7	45	10	60	0.62	291	55
TCXH8/3GG	8	7	45	10	60	0.68	305	55
TCXH6/3G	6	7	45	8	60	0.72	450	75
TCXH6/3GG	6	7	45	8	60	0.79	481	75
TCXH4/3G	4	7	45	8	80	0.87	664	95
TCXH3/3G	3	7	45	6	80	0.92	814	115
TCXH2/3G	2	7	45	6	80	0.99	971	130
TCXH1/3G	1	19	55	6	80	1.10	1,191	145
TCXH1/03G	1/0	19	55	6	80	1.19	1,445	170
TCXH2/03G	2/0	19	55	6	80	1.28	1,752	195
TCXH3/03G	3/0	19	55	4	80	1.39	2,177	225
TCXH4/03G	4/0	19	55	4	80	1.51	2,657	260
TCXH250/3G	250	37	65	4	80	1.63	3,069	290
TCXH300/3G	300	37	65	3	110	1.80	3,733	320
TCXH350/3G	350	37	65	3	110	1.90	4,268	350
TCXH400/3G	400	37	65	3	110	2.00	4,798	380
TCXH500/3G	500	37	65	2	110	2.17	5,895	430
TCXH600/3G	600	61	80	2	110	2.40	7,032	475
TCXH750/3G	750	61	80	1	110	2.61	8,655	535

*Per NEC Table 310.15 (B)(16). †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.