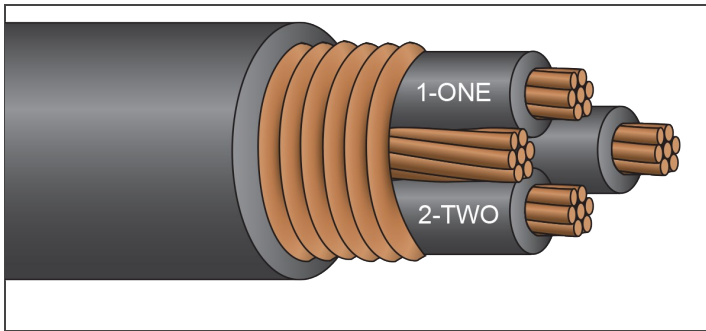


TRAY & POWER CABLES



TRAY CABLE RW90/PVC, Shielded 600 Volt Copper 3 or 4 Conductor



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 covered with mylar binder tape, longitudinally applied corrugated copper tape shield and overall black PVC jacket. **Available with tinned conductors. Jacket available in colors.**

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
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		Grounding Conductor (AWG)	PVC Jacket		Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
			Thickness (mils)	Thickness (mils)		Thickness (mils)	Thickness (mils)			
TCXHSHC14/3G	14	7	30	30	14	45	45	0.40	134	25†
TCXHSHC12/3G	12	7	30	30	12	45	45	0.44	174	30†
TCXHSHC10/3G	10	7	30	30	10	45	45	0.49	232	40†
TCXHSHC8/3G	8	7	45	45	10	60	60	0.64	346	55
TCXHSHC6/3G	6	7	45	45	8	60	60	0.72	504	75
TCXHSHC4/3G	4	7	45	45	8	80	80	0.87	728	95
TCXHSHC2/3G	2	7	45	45	6	80	80	0.99	1,043	130
TCXHSHC1/3G	1	19	55	55	6	80	80	1.10	1,272	145
TCXHSHC14/4G	14	7	30	30	14	45	45	0.43	157	25†
TCXHSHC12/4G	12	7	30	30	12	45	45	0.48	207	30†
TCXHSHC10/4G	10	7	30	30	10	60	60	0.56	294	40†
TCXHSHC8/4G	8	7	45	45	10	60	60	0.70	424	55
TCXHSHC6/4G	6	7	45	45	8	60	60	0.79	617	75
TCXHSHC4/4G	4	7	45	45	8	80	80	0.95	901	95
TCXHSHC2/4G	2	7	45	45	6	80	80	1.09	1,306	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.