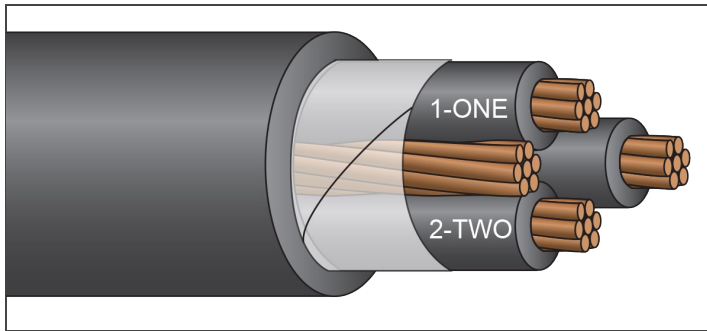


TRAY & POWER CABLES



TRAY CABLE

RW90/PVC

1,000 Volt Copper
3 Conductor



Description:

Three copper conductors, stranded and insulated with heat and moisture resistant, chemically crosslinked polyethylene (*type USE-2 or RW90 1kV*), 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
TCP14/3UG	14	7	45	14	45	0.44	100	25†
TCP12/3UG	12	7	45	12	45	0.48	149	30†
TCP10/3UG	10	7	60	10	60	0.56	220	40†
TCP8/3UG	8	7	60	10	60	0.69	314	55
TCP6/3UG	6	7	60	8	60	0.79	482	75
TCP4/3UG	4	7	80	8	80	0.93	702	95
TCP3/3UG	3	7	80	6	80	0.99	855	115
TCP2/3UG	2	7	80	6	80	1.05	1,014	130
TCP1/3UG	1	19	80	6	80	1.21	1,271	145
TCP1/03UG	1/0	19	80	6	80	1.29	1,535	170
TCP2/03UG	2/0	19	80	6	80	1.39	1,848	195
TCP3/03UG	3/0	19	80	4	80	1.49	2,280	225
TCP4/03UG	4/0	19	80	4	80	1.62	2,770	260
TCP250/3UG	250	37	95	4	110	1.82	3,315	290
TCP300/3UG	300	37	95	3	110	2.00	3,947	320
TCP350/3UG	350	37	95	3	110	2.03	4,438	350
TCP400/3UG	400	37	95	3	110	2.20	5,032	380
TCP500/3UG	500	37	95	2	110	2.30	6,087	430
TCP600/3UG	600	61	110	2	110	2.52	7,242	475
TCP750/3UG	750	61	110	1	110	2.69	8,846	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.