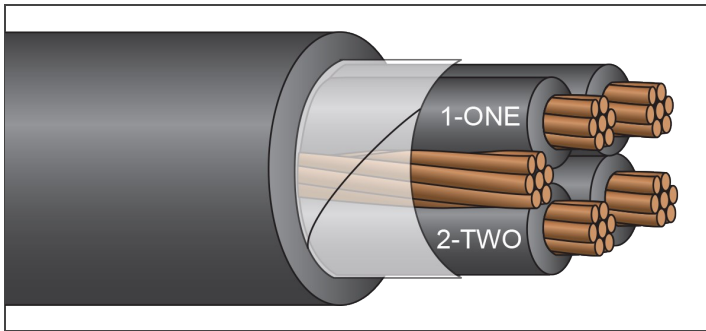


TRAY & POWER CABLES



TRAY CABLE

RW90/PVC

1,000 Volt Copper
4 Conductor



Description:

Four 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

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
TCP14/4UG	14	7	45	14	45	0.48	135	25†
TCP12/4UG	12	7	45	12	60	0.56	199	30†
TCP10/4UG	10	7	45	10	60	0.61	270	40†
TCP8/4UG	8	7	60	10	60	0.76	392	55
TCP6/4UG	6	7	60	8	80	0.91	633	75
TCP4/4UG	4	7	60	8	80	1.03	881	95
TCP3/4UG	3	7	60	6	80	1.08	1,072	115
TCP2/4UG	2	7	60	6	80	1.16	1,279	130
TCP1/4UG	1	19	80	6	80	1.33	1,613	145
TCP1/04UG	1/0	19	80	6	80	1.43	1,958	170
TCP2/04UG	2/0	19	80	6	80	1.54	2,369	195
TCP3/04UG	3/0	19	80	4	80	1.65	2,922	225
TCP4/04UG	4/0	19	80	4	110	1.86	3,667	260
TCP250/4UG	250	37	95	4	110	2.00	4,258	290
TCP300/4UG	300	37	95	3	110	2.22	5,071	320
TCP350/4UG	350	37	95	3	110	2.25	5,722	350
TCP400/4UG	400	37	95	3	110	2.44	6,495	380
TCP500/4UG	500	37	95	2	140	2.55	7,878	430
TCP600/4UG	600	61	110	2	140	2.86	9,551	475

*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.