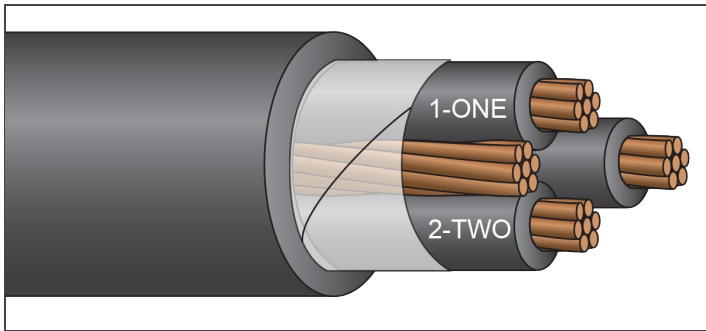


TRAY & POWER CABLES



TRAY CABLE RW90/ServiceCPE® 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 CPE jacket. **Available with tinned conductors.**

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

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Grounding Conductor (AWG)	Jacket Thickness (mils)	Approx. Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* (30°C ambient) 90°C Wet/Dry
TCCPE14/3G	14	7	45	14	45	0.44	111	25†
TCCPE12/3G	12	7	45	12	45	0.48	150	30†
TCCPE10/3G	10	7	45	10	60	0.56	221	40†
TCCPE8/3G	8	7	60	10	60	0.69	315	55
TCCPE6/3G	6	7	60	8	60	0.79	483	75
TCCPE4/3G	4	7	60	8	80	0.93	704	95
TCCPE3/3G	3	7	60	6	80	0.99	857	115
TCCPE2/3G	2	7	60	6	80	1.05	1,016	130
TCCPE1/3G	1	19	80	6	80	1.21	1,274	145
TCCPE1/03G	1/0	19	80	6	80	1.29	1,537	170
TCCPE2/03G	2/0	19	80	6	80	1.39	1851	195
TCCPE3/03G	3/0	19	80	4	80	1.49	2,283	225
TCCPE4/03G	4/0	19	80	4	80	1.62	2,773	260
TCCPE250/3G	250	37	95	4	110	1.82	3,320	290
TCCPE350/3G	350	37	95	3	110	2.03	4,429	350
TCCPE500/3G	500	37	95	2	110	2.30	6,093	430
TCCPE600/3G	600	61	110	2	110	2.52	7,249	475
TCCPE750/3G	750	61	110	1	110	2.69	8,854	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.