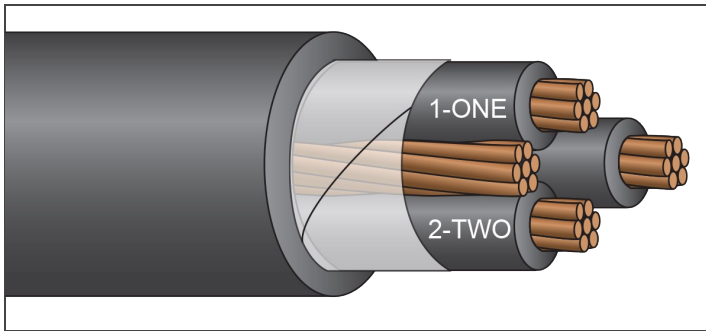


TRAY & POWER CABLES



TRAY CABLE

RW90/EnviroPlus®

1,000 Volt Copper, LSZH Jacket
3 Conductor, Factory Mutual Group 1



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 and bare copper ground conductor. Cable core is covered with binder tape and overall black low smoke, zero halogen, lead-free jacket.

Available with tinned conductors.

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
UL1685 and UL 1581, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -40°C
Sunlight Resistant
Direct Burial
Color Code: Method 4 (*optional color codes available*)
Low Smoke, Zero Halogen Jacket
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
TCE8/3UG	8	7	60	10	60	0.72	329	55
TCE6/3UG	6	7	60	8	60	0.81	490	75
TCE4/3UG	4	7	60	8	80	0.95	715	95
TCE3/3UG	3	7	60	6	80	1.00	868	115
TCE2/3UG	2	7	60	6	80	1.07	1,028	130
TCE1/3UG	1	19	80	6	80	1.22	1,287	145
TCE1/03UG	1/0	19	80	6	80	1.31	1,551	170
TCE2/03UG	2/0	19	80	6	80	1.41	1,866	195
TCE3/03UG	3/0	19	80	4	80	1.51	2,299	225
TCE4/03UG	4/0	19	80	4	80	1.64	2,790	260
TCE250/3UG	250	37	95	4	110	1.83	3,347	290
TCE350/3UG	350	37	95	3	110	2.05	4,472	350
TCE500/3UG	500	37	95	2	110	2.32	6,126	430
TCE600/3UG	600	61	110	2	110	2.54	7,285	475

*Per NEC Table 310.15 (B)(16). Four-conductor ampacity assumes three are hot and one is neutral. NOTE: The data shown is approximate and subject to standard industry tolerances.