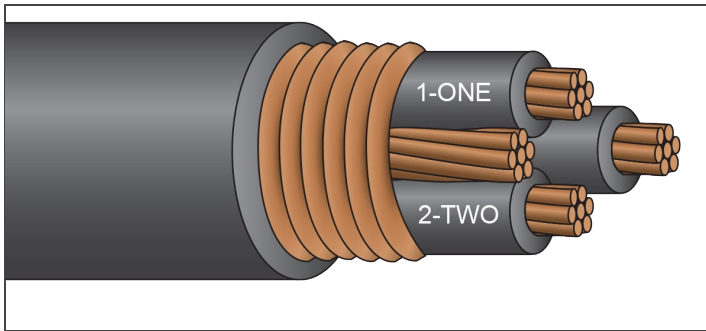


TRAY & POWER CABLES



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



Description:

Three or four stranded copper conductors, insulated with heat and moisture resistant, chemically crosslinked polyethylene (type XHHW-2 or RW90), phase identified and cabled together with fillers and bare copper ground conductor. Cable core covered with mylar binder tape, longitudinally applied corrugated copper tape shield, 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:

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
UL 1581, Two-hour Firewall
Temperature Rated at 90°C Wet/Dry, Cold Temperature Rated at -25°C
Sunlight and Oil Resistant I 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)	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
TCCPESH14/3G	14	7	30	14	45	0.40	134	25†
TCCPESH12/3G	12	7	30	12	45	0.44	175	30†
TCCPESH10/3G	10	7	30	10	45	0.49	233	40†
TCCPESH8/3G	8	7	45	10	60	0.64	347	55
TCCPESH6/3G	6	7	45	8	60	0.72	505	75
TCCPESH4/3G	4	7	45	8	80	0.87	729	95
TCCPESH2/3G	2	7	45	6	80	0.99	1,045	130
TCCPESH1/3G	1	19	55	6	80	1.10	1,274	145
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TCCPESH14/4G	14	7	30	14	45	0.43	158	25†
TCCPESH12/4G	12	7	30	12	45	0.48	208	30†
TCCPESH10/4G	10	7	30	10	60	0.56	295	40†
TCCPESH8/4G	8	7	45	10	60	0.70	426	55
TCCPESH6/4G	6	7	45	8	60	0.79	618	75
TCCPESH4/4G	4	7	45	8	80	0.95	903	95
TCCPESH2/4G	2	7	45	6	80	1.08	1,309	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.