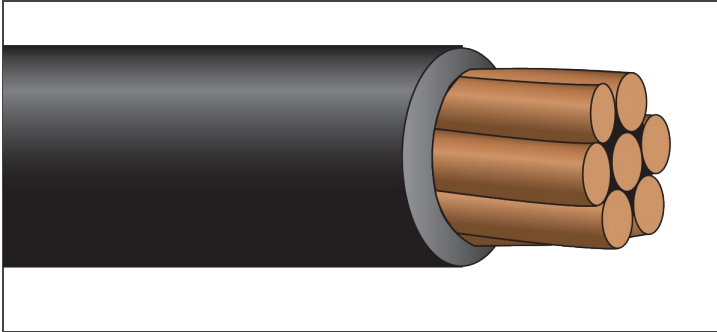


SINGLE CONDUCTOR



THW-2 600 Volt Copper



Description:

Single copper conductor, stranded, insulated with moisture and flame retardant, sunlight resistant PVC. **Available in colors.**

Application:

Suitable for use in conduit or other recognized raceways for services, feeders and branch circuit wiring. Applications include general purpose grounding for power and distribution circuits in residential, industrial and commercial buildings.

Standards:

ASTM Standards: B-3 (*soft or annealed*), B-8 (*concentric lay stranded*), B787 (*combination strand*)

UL 83

ICEA S-95-658/NEMA WC-70

Federal Spec. A-A-59544

Flame Rated: VW-1/FT1, CT Use (*1/0 AWG and larger*)

Temperature Rated at 90°C Wet/Dry

Sunlight Resistant, Gasoline and Oil Resistant II

RoHS Compliant

Part Number	Size (AWG or Kcmil)	Strand (no.)	Insulation Thickness (mils)	Nominal Diameter Overall (in.)	Approx. Net Weight (lb./1000')	Ampacity* 90°C Wet/Dry
THW14BK	14	7	30	0.13	19	35†
THW12BK	12	7	30	0.15	28	40†
THW10BK	10	7	30	0.18	41	55†
THW8BK	8	7	45	0.23	68	80
THW6BK	6	7	60	0.30	111	105
THW4BK	4	7	60	0.35	166	140
THW3BK	3	7	60	0.37	204	165
THW2BK	2	7	60	0.40	251	190
THW1BK	1	19	80	0.48	324	220
THW1/0BK	1/0	19	80	0.52	402	260
THW2/0BK	2/0	19	80	0.56	493	300
THW3/0BK	3/0	19	80	0.61	610	350
THW4/0BK	4/0	19	80	0.67	758	405
THW250BK	250	37	95	0.76	896	455
THW300BK	300	37	95	0.82	1,062	500
THW350BK	350	37	95	0.87	1,226	570
THW400BK	400	37	95	0.91	1,389	615
THW500BK	500	37	95	0.99	1,713	700
THW600BK	600	61	110	1.11	2,067	780
THW750BK	750	61	110	1.21	2,548	885
THW1000BK	1,000	61	110	1.37	3,357	1,055

*Based on ambient temperature of 30°C per NEC Table 310.15 (B)(17). †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 310-17 footnote. NOTE: The data shown is approximate and subject to standard industry tolerances.