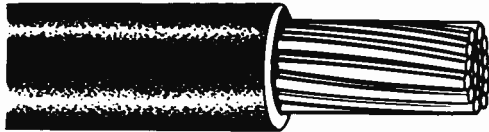


Product Data Sheet

THW



Product Description

Solid or stranded
PVC insulation/jacket
75°C, 600 V

Applications

General purpose wiring for lighting and power in residential, commercial and industrial buildings, in accordance with NEC maximum conductor temperature of 75°C in wet or dry locations, for circuits not exceeding 600 V.

Specifications

- CONDUCTOR: Solid or Class B stranded, annealed copper
- INSULATION: Polyvinyl Chloride (PVC)
- STANDARDS: Listed Type THW per UL 83 requirements
- AMPACITY: Based on not more than three conductors in raceway or cable or earth with an ambient temperature of 30°C and a conductor temperature of 75°C per 2008 NEC Table 310.16
- TEMPERATURE: 75°C
- VOLTAGE: 600 V

Product Data Sheet

Unless otherwise specifically permitted in the NEC, the overcurrent protection shall not exceed 15 A for 14 AWG, 20 A for 12 AWG and 30 A for 10 AWG copper. Diameters and weights may vary among manufacturers.

Part No.	Conductor Size AWG/kcmil	No. of Strands	Insulation Thickness (in.)	Nom. O.D. (in.)	Approx. Wt. lb./1,000 ft.	Amps per Conductor
6C-1401	14	Solid	0.045	0.160	22	20
6C-1201	12	Solid	0.045	0.180	30	25
6C-1001	10	Solid	0.045	0.200	44	30
6D-1401	14	7	0.045	0.170	23	20
6D-1201	12	7	0.045	0.190	32	25
6D-1001	10	7	0.045	0.210	46	30
6D-0801	8	7	0.060	0.270	68	50
6D-0601	6	7	0.060	0.310	105	65
6D-0401	4	7	0.060	0.360	160	85
6D-0301	3	7	0.060	0.390	195	100
6D-0201	2	7	0.060	0.420	245	115
6D-0101	1	19	0.080	0.490	315	130
6D-1011	1/0	19	0.080	0.530	390	150
6D-2021	2/0	19	0.080	0.580	480	175
6D-3031	3/0	19	0.080	0.630	595	200
6D-4041	4/0	19	0.080	0.690	753	230
6D-2501	250	37	0.095	0.770	880	255
6D-3001	300	37	0.095	0.820	1,040	285
6D-3501	350	37	0.095	0.870	1,205	310
6D-4001	400	37	0.095	0.920	1,365	335
6D-5001	500	37	0.095	1.010	1,685	380
6D-6001	600	61	0.110	1.120	2,030	420
6D-7501	750	61	0.110	1.220	2,510	475
6D-10001	1000	61	0.110	1.380	3,305	545