



TW

Application

The TW conductor is suitable for most current wiring solutions for residential, commercial and industrial environments. It is used in branch circuits for permanent installations. TW conductors in sizes 14 AWG to 8 AWG can be installed in conduits and other raceways. The temperature of installation shall not exceed 60°C.

Construction:

Conductor: Bare annealed copper conductor, solid or stranded

Insulation: PVC 60°C insulation

Color: upon request, black is preferable

Compliances:

- ▶ ASTM B3, B8
- ▶ UL 83 - Thermoplastic-Insulated Wires and Cables
- ▶ UL 1581 - Electrical Wires, Cables and Flexible Cords

Parameters:

AWG or kcmil	Strand	Nominal Insulation Thickness Inch/mm		Nominal Overall Diameter Inch/mm		Cable Weight Lbs/kft kg/km	
14	1	0.030	0.76	0.138	3.5	19	28
12	1	0.030	0.76	0.154	3.9	27	40
10	1	0.030	0.76	0.177	4.5	40	60
8	1	0.045	1.14	0.240	6.1	67	100
14	7	0.030	0.76	0.146	3.7	19	29
12	7	0.030	0.76	0.165	4.2	29	43
10	7	0.030	0.76	0.193	4.9	44	65
8	7	0.045	1.14	0.260	6.6	72	107