

600 V, PVC Wire



UL AWM 1015, 1028, 1230, 1231, 1232, 1283, 1284
UL MTW (22 to 1/0 AWG)
UL THW (6 to 1/0 AWG)
CSA AWM I A/B FT1 and TEW 105
UL VW-1

-20°C to +105°C (AWM, TEW)
 -20°C to +90°C (MTW)
 -20°C to +75°C (THW)
 -20°C to +60°C (TW)

Stranded or solid tinned copper conductor

Availability

100 ft (30.5 m)
 1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		UL Style	Colors
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm		
782607*	26	0.14	7/34	7 x 0.16	0.032	0.81	0.083	2.11	1015, 1230	Z2, 0 - 9
782401*	24	0.20	Solid	1 x 0.51	0.032	0.81	0.084	2.13	1015, 1230	Z2, 0 - 9
3070*	24	0.23	7/32	7 x 0.20	0.032	0.81	0.088	2.24	1015, 1230	Z1, 1 - 10, 28
782201	22	0.32	Solid	1 x 0.64	0.032	0.81	0.089	2.26	1015, 1230	Z2, 0 - 9
3071	22	0.35	7/30	7 x 0.25	0.032	0.81	0.094	2.39	1015, 1230	Z1, 1 - 10, 28
782010T	20	0.51	10/30	10 x 0.25	0.032	0.81	0.101	2.57	1015, 1230	Z2, 0 - 9
3073	20	0.51	10/30	10 x 0.25	0.032	0.81	0.101	2.57	1015, 1230	Z1, 1 - 10, 28
782001	20	0.52	Solid	1 x 0.81	0.032	0.81	0.096	2.44	1015, 1230	Z2, 0 - 9
3075	18	0.81	16/30	16 x 0.25	0.032	0.81	0.111	2.82	1015, 1230	Z1, 1 - 10, 28
781801	18	0.82	Solid	1 x 1.02	0.032	0.81	0.104	2.64	1015, 1230	Z2, 0 - 9
781601	16	1.31	Solid	1 x 1.29	0.032	0.81	0.115	2.92	1015, 1230	Z2, 0 - 9
3077	16	1.32	26/30	26 x 0.25	0.032	0.81	0.124	3.15	1015, 1230	Z1, 1 - 10, 28
781401	14	2.08	Solid	1 x 1.63	0.032	0.81	0.128	3.25	1015, 1230	Z2, 0 - 9
3079	14	2.08	41/30	41 x 0.25	0.032	0.81	0.138	3.51	1015, 1230	Z1, 1 - 10, 28
3080	12	3.29	65/30	65 x 0.25	0.032	0.81	0.157	3.99	1015, 1230	Z1, 1 - 10
781201	12	3.31	Solid	1 x 2.06	0.032	0.81	0.145	3.68	1015, 1230	Z2, 0 - 9
781001	10	5.26	Solid	1 x 2.59	0.032	0.81	0.166	4.22	1015, 1230	Z2, 0 - 9
3081	10	5.32	105/30	105 x 0.25	0.032	0.81	0.184	4.67	1015, 1230	Z1, 1 - 4
788133	8	8.61	133/29	133 x 0.29	0.047	1.19	0.263	6.68	1028, 1231	Z2, 0 - 9
786133	6	13.57	133/27	133 x 0.36	0.063	1.60	0.336	8.53	1283, 1232	Z2, 0 - 9
784133	4	21.55	133/25	133 x 0.45	0.063	1.60	0.395	10.03	1283, 1232	Z2, 0 - 9
782665	2	33.72	665/30	665 x 0.25	0.063	1.60	0.461	11.71	1283, 1232	Z2, 0 - 9
782133	2	34.45	133/23	133 x 0.57	0.063	1.60	0.465	11.81	1283, 1232	Z2, 0 - 9
781259	1	41.96	259/25	259 x 0.45	0.082	2.08	0.540	13.72	1284, 1232	Z2, 0 - 9
781836	1	42.39	836/30	836 x 0.25	0.082	2.08	0.547	13.89	1284, 1232	Z2, 0 - 9
780001	1/0	52.98	1045/30	1045 x 0.25	0.082	2.08	0.592	15.04	1284, 1232	Z2, 0 - 9

*Not MTW

Z1 Insulation Colors: 1 White • 2 Black • 3 Red • 4 Green • 5 Yellow • 6 Blue • 7 Brown • 8 Orange • 9 Slate • 10 Violet • 28 Green/Yellow • 29 Yellow/Green

Z2 Insulation Colors: 0 Black • 1 Brown • 2 Red • 3 Orange • 4 Yellow • 5 Green • 6 Blue • 7 Violet • 8 Slate • 9 White

*These wires also available in 500 ft (152 m) put-ups.

UL AWM 1015, 1028, 1230, 1231, 1232, 1283, 1284 VW-1
UL MTW, TW (14 to 8 AWG), THW (6 to 1/0 AWG)
CSA AWM I A/B FT1 and TEW-105

-40°C to +105°C (AWM, TEW)
 -40°C to +90°C (MTW)
 -40°C to +75°C (THW)
 -40°C to +60°C (TW)

Stranded bare copper conductor

Availability

100 ft (30.5 m)
 1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		UL Style
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm	
461816	18	0.81	16/30	16 x 0.25	0.032	0.81	0.111	2.82	1015, 1230
461626	16	1.32	26/30	26 x 0.25	0.032	0.81	0.124	3.15	1015, 1230
461419	14	2.07	19/0.0147	19 x 0.37	0.032	0.81	0.138	3.51	1015, 1230
461219	12	3.29	19/0.0185	19 x 0.47	0.032	0.81	0.157	3.99	1015, 1230
461265	12	3.29	65/0.010	65 x 0.25	0.031	0.79	0.153	3.89	1015, 1230
461019	10	5.26	19/0.0234	19 x 0.59	0.032	0.81	0.181	4.60	1015, 1230
460819	8	8.38	19/0.0295	19 x 0.75	0.047	1.19	0.242	6.15	1028, 1231
460619	6	13.32	19/0.0372	19 x 0.94	0.063	1.59	0.311	7.90	1283, 1232
460419	4	21.09	19/0.0469	19 x 1.19	0.063	1.59	0.360	9.14	1283, 1232
460219	2	33.63	19/0.0591	19 x 1.50	0.063	1.59	0.421	10.69	1283, 1232

Insulation Colors: White • Black • Red • Green • Yellow • Blue • Brown • Orange • Slate • Violet