

Hook-Up Wire



Test Lead, EPR Rubber Wire



-30°C to +90°C

See table for voltage rating

Stranded tinned
copper conductors

EPR rubber insulation

Availability

100 ft (30.5 m)

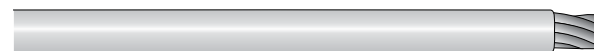
500 ft (152 m)

1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Breakdown Voltage (RMS)	Working Voltage (RMS)
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm		
1632	20	0.52	41/36	41 x 0.13	0.040	1.02	0.118	3.00	6000	1500
1635	20	0.52	41/36	41 x 0.13	0.047	1.19	0.132	3.35	12,000	3000
1636	18	0.83	65/36	65 x 0.13	0.045	1.14	0.137	3.48	20,000	5000

Insulation Colors: Black • Red

600 V, Silicone Rubber Wire



UL AWM 3212, 3213, 3214
CSA AWM I A/B FT2

-40°C to +150°C

Stranded tinned
copper conductor

Silicone rubber insulation

Availability

100 ft (30.5 m)

500 ft (152 m)

1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		UL AWM
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm	
392207	22	0.35	7/30	7 x 0.25	0.047	1.19	0.124	3.15	3212
392010	20	0.51	10/30	10 x 0.25	0.047	1.19	0.131	3.33	3212
391816	18	0.81	16/30	16 x 0.25	0.047	1.19	0.141	3.58	3212
391626	16	1.32	26/30	26 x 0.25	0.047	1.19	0.154	3.91	3212
391441	14	2.08	41/30	41 x 0.25	0.047	1.19	0.168	4.27	3212
391265	12	3.29	65/30	65 x 0.25	0.047	1.19	0.187	4.75	3212
391000	10	5.32	105/30	105 x 0.25	0.047	1.19	0.212	5.38	3212
398133	8	8.61	133/29	133 x 0.29	0.063	1.60	0.295	7.49	3213
396133	6	13.57	133/27	133 x 0.36	0.063	1.60	0.339	8.61	3213
394133	4	21.55	133/25	133 x 0.45	0.063	1.60	0.395	10.03	3213
392259	2	33.15	259/26	259 x 0.40	0.063	1.60	0.460	11.68	3213
391259	1	41.96	259/25	259 x 0.45	0.078	1.98	0.532	13.51	3214

Insulation Colors: White • Black

High Voltage, Silicone Rubber Wire



UL AWM 3239

-40°C to +150°C

Stranded tinned
copper conductor

Silicone rubber insulation

Availability

100 ft (30.5 m)
500 ft (152 m)
1000 ft (305 m)

UL 3239

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Voltage
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm	
392297	22	0.35	7/30	7 x 0.25	0.097	2.46	0.224	5.69	40 kV
392275	22	0.35	7/30	7 x 0.25	0.075	1.90	0.180	4.57	30 kV
392262	22	0.35	7/30	7 x 0.25	0.062	1.57	0.154	3.91	25 kV
392250	22	0.35	7/30	7 x 0.25	0.050	1.27	0.131	3.33	20 kV
392245	22	0.35	7/30	7 x 0.25	0.045	1.14	0.120	3.05	15 kV
392240	22	0.35	7/30	7 x 0.25	0.040	1.02	0.11	2.79	10 kV
392097	20	0.51	10/30	10 x 0.25	0.097	2.46	0.231	5.87	40 kV
392075	20	0.51	10/30	10 x 0.25	0.075	1.90	0.187	4.75	30 kV
392062	20	0.51	10/30	10 x 0.25	0.062	1.57	0.161	4.09	25 kV
392050	20	0.51	10/30	10 x 0.25	0.050	1.27	0.137	3.48	20 kV
392045	20	0.51	10/30	10 x 0.25	0.045	1.14	0.127	3.23	15 kV
392040	20	0.51	10/30	10 x 0.25	0.040	1.02	0.117	2.97	10 kV
391897	18	0.81	16/30	16 x 0.25	0.097	2.46	0.241	6.12	40 kV
391875	18	0.81	16/30	16 x 0.25	0.075	1.90	0.197	5.00	30 kV
391862	18	0.81	16/30	16 x 0.25	0.062	1.57	0.171	4.34	25 kV
391850	18	0.81	16/30	16 x 0.25	0.050	1.27	0.147	3.73	20 kV
391845	18	0.81	16/30	16 x 0.25	0.045	1.14	0.137	3.48	15 kV
391840	18	0.81	16/30	16 x 0.25	0.040	1.02	0.127	3.23	10 kV
391699	16	1.32	26/30	26 x 0.25	0.150	3.81	0.360	9.14	50 kV
391697	16	1.32	26/30	26 x 0.25	0.097	2.46	0.254	6.45	40 kV
391675	16	1.32	26/30	26 x 0.25	0.075	1.90	0.210	5.33	30 kV
391662	16	1.32	26/30	26 x 0.25	0.062	1.57	0.184	4.67	25 kV
391650	16	1.32	26/30	26 x 0.25	0.050	1.27	0.160	4.06	20 kV
391645	16	1.32	26/30	26 x 0.25	0.045	1.14	0.150	3.81	15 kV
391640	16	1.32	26/30	26 x 0.25	0.040	1.02	0.140	3.56	10 kV
391499	14	2.08	41/30	41 x 0.25	0.150	3.81	0.374	9.50	50 kV
391497	14	2.08	41/30	41 x 0.25	0.097	2.46	0.268	6.81	40 kV
391475	14	2.08	41/30	41 x 0.25	0.075	1.90	0.224	5.69	30 kV
391462	14	2.08	41/30	41 x 0.25	0.062	1.57	0.198	5.03	25 kV
391450	14	2.08	41/30	41 x 0.25	0.050	1.27	0.174	4.42	20 kV
391445	14	2.08	41/30	41 x 0.25	0.045	1.14	0.164	4.17	15 kV
391440	14	2.08	41/30	41 x 0.25	0.040	1.02	0.154	3.91	10 kV

Insulation Colors: White • Black • Red

UL AWM 3239

-40°C to +150°C

Finely stranded tinned
copper conductor

Silicone rubber insulation

Availability

100 ft (30.5 m)
500 ft (152 m)
1000 ft (305 m)

UL 3239

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Voltage
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm	
391297	12	3.29	65/30	65 x 0.25	0.097	2.46	0.287	7.29	40 kV
391275	12	3.29	65/30	65 x 0.25	0.075	1.90	0.243	6.17	30 kV
391262	12	3.29	65/30	65 x 0.25	0.062	1.57	0.217	5.51	25 kV
391250	12	3.29	65/30	65 x 0.25	0.050	1.27	0.193	4.90	20 kV
391245	12	3.29	65/30	65 x 0.25	0.045	1.14	0.183	4.65	15 kV
391099	10	5.32	105/30	105 x 0.25	0.150	3.81	0.418	10.62	50 kV
391097	10	5.32	105/30	105 x 0.25	0.097	2.46	0.312	7.92	40 kV
391045	10	5.32	105/30	105 x 0.25	0.045	1.14	0.208	5.28	15 kV
391040	10	5.32	105/30	105 x 0.25	0.040	1.02	0.198	5.03	10 kV
390897	8	8.61	133/29	133 x 0.28	0.097	2.46	0.363	9.22	40 kV
390862*	8	8.61	133/29	133 x 0.28	0.062	1.57	0.293	7.44	25 kV
390845	8	8.61	133/29	133 x 0.28	0.045	1.14	0.259	6.58	15 kV
390662*	6	13.57	133/27	133 x 0.36	0.062	1.57	0.337	8.56	25 kV
390645	6	13.57	133/27	133 x 0.36	0.045	1.14	0.303	7.70	15 kV
390462*	4	21.55	133/25	133 x 0.45	0.062	1.57	0.393	9.98	25 kV
390262*	2	34.45	259/26	259 x 0.40	0.062	1.57	0.463	11.76	25 kV

*Not UL Recognized.

Insulation Colors: White • Black

High Voltage, Silicone Rubber Wire



UL VW-1

-40°C to +200°C

Stranded silver-plated
copper conductor

White silicone rubber insulation

Availability

100 ft (30.5 m)

500 ft (152 m)

1000 ft (305 m)

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Voltage
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm	
39X2220	22	0.35	7/30	7 x 0.25	0.050	1.27	0.130	3.30	20 kV
39X2215	22	0.35	7/30	7 x 0.25	0.040	1.02	0.110	2.79	15 kV
39X2205	22	0.35	7/30	7 x 0.25	0.020	0.51	0.070	1.78	5 kV
39X2025	20	0.62	19/32	19 x 0.20	0.063	1.60	0.166	4.22	25 kV
39X2020	20	0.62	19/32	19 x 0.20	0.055	1.40	0.150	3.81	20 kV
39X2015	20	0.62	19/32	19 x 0.20	0.040	1.02	0.120	3.05	15 kV
39X1825	18	0.96	19/30	19 x 0.25	0.055	1.40	0.160	4.06	25 kV
39X1660	16	1.32	26/30	26 x 0.25	0.162	4.11	0.384	9.75	60 kV
39X1645	16	1.23	19/29	19 x 0.28	0.125	3.18	0.306	7.77	45 kV
39X1635	16	1.23	41/32	41 x 0.20	0.105	2.67	0.269	6.83	35 kV
39X1620	16	1.33	41/32	41 x 0.20	0.053	1.33	0.164	4.17	20 kV
39X1460	14	1.94	19/27	19 x 0.36	0.157	3.99	0.385	9.78	60 kV
39X1260	12	3.08	19/25	19 x 0.45	0.178	4.51	0.445	11.30	60 kV

600V, EPDM Welding Cable



-50°C to +105°C

Stranded bare
copper conductor

Black EPDM rubber insulation

Availability

Bulk, cut to length

Part No.	Wire Size		Stranding		Insulation Thickness		Nominal Diameter		Current-Carrying Capacity	Voltage Drop*
	AWG	mm ²	AWG	mm	Inch	mm	Inch	mm		
6112	6	13.5	266/30	266 x 0.25	0.060	1.52	0.320	8.13	75	3.30
6113	4	19.9	392/30	392 x 0.25	0.060	1.52	0.375	9.53	100	2.80
6115	2	32.6	644/30	644 x 0.25	0.060	1.52	0.440	11.18	200	3.60
6116	1	39.7	784/30	784 x 0.25	0.080	2.03	0.515	13.08	250	3.80
6117	1/0	52.0	1026/30	1026 x 0.25	0.080	2.03	0.550	13.97	300	3.60
6118	2/0	63.5	1254/30	1254 x 0.25	0.080	2.03	0.590	14.99	375	3.37
6119	3/0	81.8	1615/30	1615 x 0.25	0.080	2.03	0.660	16.76	450	3.40
6120	4/0	104	2056/30	2056 x 0.25	0.080	2.03	0.725	18.42	550	3.30

*Voltage drop per 100 ft (30.5 m) at 60°C.

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