



#2637 Flexible High Voltage Silicone Rubber Lead Wire

-65°C to 165°C, 60 to 120 KVDC

Description: Finely Stranded Highly Flexible High Voltage Silicone Rubber Lead Wire with a tinned copper conductor, extruded clear DAFLEX flexible silicone rubber insulation and a temperature rating of -65°C to 165°C. Voltages based on dielectric strength of wire insulation. Corona management is not incorporated. If you require corona management please see our [#CRT product](#). Please call for insulation colors other than clear. This series is RoHS and REACH compliant and passes flame tests VW-1, FT1, FT2 and UL 94V-O.

Suitable for applications where intermittent pulsing power profiles are used such as those delivered from power drivers to magnets or other EM pulsing loads. Voltages listed herein are based on a single jacket thickness X 400 v/mil.

Features

- **Temperature Rating: - 65°C to 165°C**
- **Submersible, Salt Water Resistant**
- **Class 1 Clean Room Rating, Zero Particulates**
- **Sunlight, UV Light, Alcohol, Chemical & Oil Resistant**
- **Outer Jacket has a Durometer Rating of 65 (Shore A)**
- **Outer Jacket Dielectric Strength: 450 Volts/mil (17.7KV/mm)**

Daburn Cat. No.	AWG	Stranding	Voltage (KV DC)	Norm. O.D. (mm)	Norm. O.D. (mm)
2637/8-60	8	1666/40	60KV	0.52	13.2
2637/8-80	8	1666/40	80KV	0.63	16.0
2637/8-100	8	1666/40	100KV	0.75	19.1
2637/8-120	8	1666/40	120KV	0.86	21.8
2637/10-60	10	1092/40	60KV	0.47	11.9
2637/10-80	10	1092/40	80KV	0.58	14.7
2637/10-100	10	1092/40	100KV	0.69	17.5
2637/10-120	10	1092/40	120KV	0.80	20.3
2637/12-60	12	672/40	60KV	0.44	11.2
2637/12-80	12	672/40	80KV	0.55	14.0
2637/12-100	12	672/40	100KV	0.66	16.8
2637/12-120	12	672/40	120KV	0.77	19.6
2637/14-60	14	441/40	60KV	0.42	10.7
2637/14-80	14	441/40	80KV	0.53	13.5
2637/14-100	14	441/40	100KV	0.65	16.5
2637/14-120	14	441/40	120KV	0.76	19.3
2637/16-60	16	280/40	60KV	0.4	10.2
2637/16-80	16	280/40	80KV	0.51	13.0
2637/16-100	16	280/40	100KV	0.63	16.0
2637/16-120	16	280/40	120KV	0.74	18.8

Daburn Cat. No.	AWG	Stranding	Voltage (KV DC)	Norm. O.D. (mm)	Norm. O.D. (mm)
2637/18-60	18	168/40	60KV	0.39	9.9
2637/18-80	18	168/40	80KV	0.5	12.7
2637/18-100	18	168/40	100KV	0.61	15.5
2637/18-120	18	168/40	120KV	0.72	18.3
2637/20-60	20	105/40	60KV	0.38	9.7
2637/20-80	20	105/40	80KV	0.49	12.4
2637/20-100	20	105/40	100KV	0.6	15.2
2637/20-120	20	105/40	120KV	0.71	18.0
2637/22-60	22	66/40	60KV	0.37	9.4
2637/22-80	22	66/40	80KV	0.47	11.9
2637/22-100	22	66/40	100KV	0.59	15.0
2637/22-120	22	66/40	120KV	0.7	17.8
2637/24-60	24	42/40	60KV	0.36	9.1
2637/24-80	24	42/40	80KV	0.46	11.7
2637/24-100	24	42/40	100KV	0.58	14.7
2637/24-120	24	42/40	120KV	0.69	17.5