

# Airfield Lighting Cable

## FAA L-824 Type B Shielded 5kV

Construction	Nominal Insulation Thickness		Nominal Sheath Thickness		Nominal Overall Diameter		Nominal Weight
	mm	inches	mm	inches	mm	inches	
No. × mm <sup>2</sup>	mm	inches	mm	inches	mm	inches	kg/km
1×6	2.3	0.09	1.2	0.05	11.1	0.44	194
1×8	2.3	0.09	1.2	0.05	11.7	0.46	225

## FAA L-824 Type B Unshielded 5kV

Construction	Nominal Insulation Thickness		Nominal Sheath Thickness		Nominal Overall Diameter		Nominal Weight
	mm	inches	mm	inches	mm	inches	
No. ×mm <sup>2</sup> / AWG	mm	inches	mm	inches	mm	inches	kg/km
1×6mm <sup>2</sup>	2.3	0.09	1.2	0.05	10.0	0.39	150
1×8	2.3	0.09	0.76	0.03	10.7	0.420	180
1×6	2.3	0.09	0.76	0.03	11.7	0.460	238
1×4	2.3	0.09	0.76	0.03	12.8	0.505	326

**FAA L-824 Type C Shielded 5kV**

Construction	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight
	mm	inches	mm	inches	
No.× AWG	mm	inches	mm	inches	kg/km
1×6mm <sup>2</sup>	2.3	0.09	11.0	0.43	180
1×8	2.3	0.09	14.3	0.565	298
1×6	2.3	0.09	15.4	0.605	366
1×4	2.3	0.09	17.0	0.668	513

**FAA L-824 Type C Unshielded 5kV**

Construction	Nominal Insulation Thickness		Nominal Overall Diameter		Nominal Weight
	mm	inches	mm	inches	
No.× AWG	mm	inches	mm	inches	kg/km
1×8	2.79	0.11	9.65	0.380	132
1×6	2.79	0.11	10.67	0.420	186
1×4	2.79	0.11	11.68	0.46	268

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Construction	Nominal Insulation Thickness	Nominal Sheath Thickness	Minimum Overall Diameter	Maximum Overall Diameter	Nominal Weight
No. ×mm <sup>2</sup>	mm	mm	mm	mm	kg/km
1×2.5	0.9	1.4	6.3	7.9	66
1×4	1.0	1.5	7.2	9.0	94
1×6	1.0	1.6	7.9	9.8	109
2×2.5	0.9	1.7	10.2	13.1	161
2×4	1.0	1.8	11.8	15.0	238
2×6	1.0	2.0	13.1	17.0	279
3×2.5	0.9	1.8	10.9	14.0	195
3×4	1.0	1.5	12.7	16.2	290
3×6	1.0	2.0	14.1	18.0	346

**FAA L-824 Type C 600V**

Construc tion	Nominal Insulation Thickness		Nominal Sheath Thickness		Nominal Overall Diameter		Nominal Weight
	mm	mm	mm	inches	mm	inches	
No.× AWG	mm	mm	mm	inches	mm	inches	kg/km
1×12	mm	inches	-	-	4.62	0.182	46
1×10	1.14	0.045	-	-	5.21	0.205	61
1×8	1.14	0.045	-	-	6.76	0.266	101
1×6	1.52	0.06	-	-	7.72	0.304	152
1×4	1.52	0.06	-	-	8.94	0.352	231
2×12	0.76	0.03	1.14	0.045	10.41	0.41	146
2×10	0.76	0.03	1.14	0.045	11.56	0.455	199
2×8	1.14	0.045	1.52	0.06	15.37	0.605	323
2×6	1.14	0.045	1.52	0.06	17.40	0.685	446
2×4	1.14	0.045	1.52	0.06	19.81	0.780	632
3×12	0.76	0.03	1.14	0.045	11.05	0.435	187



3×10	0.76	0.03	1.14	0.045	12.19	0.480	259
3×8	1.14	0.045	1.52	0.06	16.38	0.645	437
3×6	1.14	0.045	1.52	0.06	18.42	0.725	610
3×4	1.14	0.045	2.03	0.08	21.97	0.865	908
4×12	0.76	0.03	1.14	0.045	12.07	0.475	222
4×10	0.76	0.03	1.52	0.06	14.22	0.560	350
4×8	1.14	0.045	1.52	0.06	17.91	0.705	548
4×6	1.14	0.045	1.52	0.06	20.19	0.795	772
4×4	1.14	0.045	2.03	0.08	24.13	0.950	1165
5×12	0.76	0.03	1.14	0.045	13.08	0.515	292
5×10	0.76	0.03	1.52	0.06	15.49	0.610	405
6×12	0.76	0.03	1.52	0.06	15.24	0.600	357
6×10	0.76	0.03	1.52	0.06	16.89	0.665	495
7×12	0.76	0.03	1.52	0.06	15.24	0.600	379
7×10	0.76	0.03	1.52	0.06	16.89	0.665	534
8×12	0.76	0.03	1.52	0.06	16.38	0.645	430



# CABLE

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8×10	0.76	0.03	1.52	0.06	18.29	0.720	604
9×12	0.76	0.03	1.52	0.06	17.65	0.695	479
9×10	0.76	0.03	1.52	0.06	19.69	0.775	707