

Caledonian Airport Cables

Airfield Lighting Cables



FAA L-824 Type C 600V

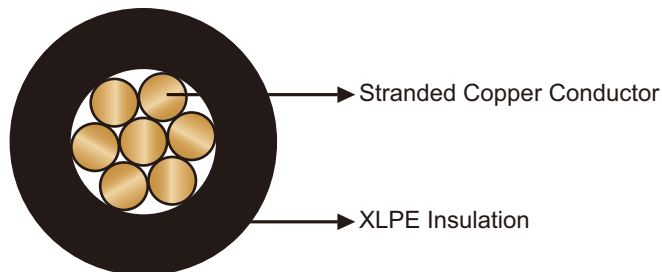
» Applications

These cables are designed for use in airport lighting and control circuits, suitable for installation in ducts, conduit and direct burial.

» Standards

FAA L-824 Type C
ICEA S-95-658/NEWA WC71

» Construction



Conductor: Stranded bare copper to ASTM B.

Insulation: XLPE.

Sheath (for multiconductor cables only): PVC.

» Technical Data

Rated Voltage U ₀ /U (U _m)	600V
Maximum Conductor Temperature	90°C
Short Circuit Temperature	250°C
Operating Temperatures	-40°C~+90°C
Minimum Bending Radius	5×OD



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» Dimensions and Weight

Construction No. xAWG	No. of Strand	Nominal Insulation Thickness		Nominal Sheath Thickness		Nominal Overall Diameter		Nominal Weight	
		mm	mm	mm	inches	mm	inches	kg/km	lbs/kft
1x12	7	mm	inches	-	-	4.62	0.182	46	30
1x10	7	1.14	0.045	-	-	5.21	0.205	61	43
1x8	7	1.14	0.045	-	-	6.76	0.266	101	69
1x6	7	1.52	0.06	-	-	7.72	0.304	152	102
1x4	7	1.52	0.06	-	-	8.94	0.352	231	158
2x12	7	0.76	0.03	1.14	0.045	10.41	0.41	146	98
2x10	7	0.76	0.03	1.14	0.045	11.56	0.455	199	134
2x8	7	1.14	0.045	1.52	0.06	15.37	0.605	323	217
2x6	7	1.14	0.045	1.52	0.06	17.40	0.685	446	300
2x4	7	1.14	0.045	1.52	0.06	19.81	0.780	632	425
3x12	7	0.76	0.03	1.14	0.045	11.05	0.435	187	126
3x10	7	0.76	0.03	1.14	0.045	12.19	0.480	259	174
3x8	7	1.14	0.045	1.52	0.06	16.38	0.645	437	294
3x6	7	1.14	0.045	1.52	0.06	18.42	0.725	610	410
3x4	7	1.14	0.045	2.03	0.08	21.97	0.865	908	610
4x12	7	0.76	0.03	1.14	0.045	12.07	0.475	222	149
4x10	7	0.76	0.03	1.52	0.06	14.22	0.560	350	235
4x8	7	1.14	0.045	1.52	0.06	17.91	0.705	548	368
4x6	7	1.14	0.045	1.52	0.06	20.19	0.795	772	519
4x4	7	1.14	0.045	2.03	0.08	24.13	0.950	1165	783
5x12	7	0.76	0.03	1.14	0.045	13.08	0.515	292	196
5x10	7	0.76	0.03	1.52	0.06	15.49	0.610	405	272
6x12	7	0.76	0.03	1.52	0.06	15.24	0.600	357	240
6x10	7	0.76	0.03	1.52	0.06	16.89	0.665	495	333
7x12	7	0.76	0.03	1.52	0.06	15.24	0.600	379	255
7x10	7	0.76	0.03	1.52	0.06	16.89	0.665	534	359
8x12	7	0.76	0.03	1.52	0.06	16.38	0.645	430	289
8x10	7	0.76	0.03	1.52	0.06	18.29	0.720	604	406
9x12	7	0.76	0.03	1.52	0.06	17.65	0.695	479	322
9x10	7	0.76	0.03	1.52	0.06	19.69	0.775	707	475
10x12	7	0.76	0.03	1.52	0.06	18.42	0.725	539	362
10x10	7	0.76	0.03	1.52	0.06	20.57	0.810	762	512
11x12	7	0.76	0.03	1.52	0.06	18.92	0.745	594	399
11x10	7	0.76	0.03	2.03	0.08	22.10	0.870	878	590
12x12	7	0.76	0.03	1.52	0.06	19.43	0.765	631	424
12x10	7	0.76	0.03	2.03	0.08	22.61	0.890	933	627
13x12	7	0.76	0.03	1.52	0.06	20.07	0.790	662	445

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		mm	mm	mm	inches	mm	inches	kg/km	lbs/kft
13x10	7	0.76	0.03	2.03	0.08	23.50	0.925	985	662
14x12	7	0.76	0.03	1.52	0.06	20.83	0.820	708	476
14x10	7	0.76	0.03	2.03	0.08	24.26	0.955	1053	708
15x12	7	0.76	0.03	2.03	0.08	22.35	0.880	793	533
15x10	7	0.76	0.03	2.03	0.08	24.89	0.980	1119	752
16x12	7	0.76	0.03	2.03	0.08	22.99	0.905	839	564
16x10	7	0.76	0.03	2.03	0.08	25.65	1.010	1186	797
17x12	7	0.76	0.03	2.03	0.08	23.62	0.930	902	606
17x10	7	0.76	0.03	2.03	0.08	26.29	1.035	1275	857
18x12	7	0.76	0.03	2.03	0.08	24.26	0.955	946	636
18x10	7	0.76	0.03	2.03	0.08	26.92	1.060	1342	902
19x12	7	0.76	0.03	2.03	0.08	24.26	0.955	970	652
19x10	7	0.76	0.03	2.03	0.08	26.92	1.060	1381	928

