

FAA L-824 Type C 600V Cable



Eland Product Group: F10

APPLICATION

FAA L-824 Type C cables are designed for use in airport lighting and control circuits. They are suitable for installation in ducts, conduit and direct burial.

CHARACTERISTICS

Rated Voltage U₀/U (Um)
600V

Temperature Rating
Fixed: -40°C to +90°C

Minimum Bending Radius
5x Overall Diameter

CONSTRUCTION

Conductor
Stranded bare copper to ASTM B

Insulation
XLPE (Cross-linked polyethylene)

Sheath (for multicore cables only)
PVC (Polyvinyl chloride)

Sheath Colour
● Black

DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA AWG	NUMBER OF STRAND	NOMINAL INSULATION THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F10LV0112AWGBK	1	12	7	1.14	-	4.62	46
F10LV0110AWGBK	1	10	7	1.14	-	5.21	61
F10LV0108AWGBK	1	8	7	1.52	-	6.76	101
F10LV0106AWGBK	1	6	7	1.52	-	7.72	152
F10LV0104AWGBK	1	4	7	1.52	-	8.94	231
F10LV0212AWGBK	2	12	7	0.76	1.14	10.41	146
F10LV0210AWGBK	2	10	7	0.76	1.14	11.56	199
F10LV0208AWGBK	2	8	7	1.14	1.52	15.37	323
F10LV0206AWGBK	2	6	7	1.14	1.52	17.40	446
F10LV0204AWGBK	2	4	7	1.14	1.52	19.81	632
F10LV0312AWGBK	3	12	7	0.76	1.14	11.05	187

STANDARDS

FAA L-824 Type C, ICEA S-95-658/NEWA WC71
FAA AC150/5345-7F

ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



REGULATORY COMPLIANCE

This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





DIMENSIONS

ELAND PART NO.	NUMBER OF CORES	NOMINAL CROSS SECTIONAL AREA AWG	NUMBER OF STRAND	NOMINAL INSULATION THICKNESS mm	NOMINAL SHEATH THICKNESS mm	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
F10LV0310AWGBK	3	10	7	0.76	1.14	12.19	259
F10LV0308AWGBK	3	8	7	1.14	1.52	16.38	437
F10LV0306AWGBK	3	6	7	1.14	1.52	18.42	610
F10LV0304AWGBK	3	4	7	1.14	2.03	21.97	908
F10LV0412AWGBK	4	12	7	0.76	1.14	12.07	222
F10LV0410AWGBK	4	10	7	0.76	1.52	14.22	350
F10LV0408AWGBK	4	8	7	1.14	1.52	17.91	548
F10LV0406AWGBK	4	6	7	1.14	1.52	20.19	772
F10LV0404AWGBK	4	4	7	1.14	2.03	24.13	1165
F10LV0512AWGBK	5	12	7	0.76	1.14	13.08	292
F10LV0510AWGBK	5	10	7	0.76	1.52	15.49	405
F10LV0612AWGBK	6	12	7	0.76	1.52	15.24	357
F10LV0610AWGBK	6	10	7	0.76	1.52	16.89	495
F10LV0712AWGBK	7	12	7	0.76	1.52	15.24	379
F10LV0710AWGBK	7	10	7	0.76	1.52	16.89	534
F10LV0812AWGBK	8	12	7	0.76	1.52	16.38	430
F10LV0810AWGBK	8	10	7	0.76	1.52	18.29	604
F10LV0912AWGBK	9	12	7	0.76	1.52	17.65	479
F10LV0910AWGBK	9	10	7	0.76	1.52	19.69	707
F10LV1012AWGBK	10	12	7	0.76	1.52	18.42	539
F10LV1010AWGBK	10	10	7	0.76	1.52	20.57	762
F10LV1112AWGBK	11	12	7	0.76	1.52	18.92	594
F10LV1110AWGBK	11	10	7	0.76	2.03	22.10	878
F10LV1212AWGBK	12	12	7	0.76	1.52	19.43	631
F10LV1210AWGBK	12	10	7	0.76	2.03	22.61	933
F10LV1312AWGBK	13	12	7	0.76	1.52	20.07	662
F10LV1310AWGBK	13	10	7	0.76	2.03	23.50	985
F10LV1412AWGBK	14	12	7	0.76	1.52	20.83	708
F10LV1410AWGBK	14	10	7	0.76	2.03	24.26	1053
F10LV1512AWGBK	15	12	7	0.76	2.03	22.35	793
F10LV1510AWGBK	15	10	7	0.76	2.03	24.89	1119
F10LV1612AWGBK	16	12	7	0.76	2.03	22.99	839
F10LV1610AWGBK	16	10	7	0.76	2.03	25.65	1186
F10LV1712AWGBK	17	12	7	0.76	2.03	23.62	902
F10LV1710AWGBK	17	10	7	0.76	2.03	26.29	1275
F10LV1812AWGBK	18	12	7	0.76	2.03	24.26	946
F10LV1810AWGBK	18	10	7	0.76	2.03	26.92	1342
F10LV1912AWGBK	19	12	7	0.76	2.03	24.26	970
F10LV1910AWGBK	19	10	7	0.76	2.03	26.92	1381

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.