

FAA L 824 – TYPE C



CABLE STRUCTURE

Conductor	Stranded annealed tinned or bare copper wires According to IEC 60228 - Class 2 AWG types to ASTM B8 - Class B or Class C
Semiconductive Layer	Extruded Semiconductive material
Insulation	XLPE - Cross linked polyethylene material
Semiconductive Layer	Semiconductive tape helically applied
Screen	Minimum 20% overlap and 100% coverage helically applied Copper Tape
Outer Jacket	PVC or PE or HF (halogen free) or other suitable jacketing material according to NEMA WC74 / ICEA S-93-639.



OPERATING CHARACTERISTICS

Conductor Operating Temperature	-25°C / +90°C
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standard Of Test	ICEA S-93-639 / NEMA WC74 FAA Specification for L 824 - AC No. 150 / 5345-7F

Construction (*)	Cross Section	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors at 20 °C (ohm/km)	Current Carrying Capacity at 45 °C (A)
BCL2 / EXSC / XLPE / SCT / CUT / PE	1x6 mm ²	12,4	187	3,08	52
BCL2 / EXSC / XLPE / SCT / CUT / PVC	1x6 mm ²	12,4	213	3,08	52
TCL2 / EXSC / XLPE / SCT / CUT / PE	1x6 mm ²	12,4	187	3,11	52
TCL2 / EXSC / XLPE / SCT / CUT / PVC	1x6 mm ²	12,4	213	3,11	52
BAWGB / EXSC / XLPE / SCT / CUT / PE	1x8 AWG	13,0	221	2,10	64
BAWGB / EXSC / XLPE / SCT / CUT / PVC	1x8 AWG	13,0	248	2,10	64
TAWGB / EXSC / XLPE / SCT / CUT / PE	1x8 AWG	13,0	221	2,18	64
TAWGB / EXSC / XLPE / SCT / CUT / PVC	1x8 AWG	13,0	248	2,18	64
BAWGB / EXSC / XLPE / SCT / CUT / PE	1x6 AWG	14,0	283	1,33	85
BAWGB / EXSC / XLPE / SCT / CUT / PVC	1x6 AWG	14,0	312	1,33	85
TAWGB / EXSC / XLPE / SCT / CUT / PE	1x6 AWG	14,0	283	1,38	85
TAWGB / EXSC / XLPE / SCT / CUT / PVC	1x6 AWG	14,0	312	1,38	85

(*) For explanation of coding refer to Technical Data Section