

FAA L 824 - TYPE C



## CABLE STRUCTURE

<b>Conductor</b>	Strand of annealed tinned or bare copper wires According to IEC C 60228 - Class 2 AWG types to ASTM B8 - Class B or Class C
<b>Semiconductive Layer</b>	Extruded Semiconductive material
<b>Insulation</b>	XLPE - Cross linked polyethylene material
<b>Semiconductive Layer</b>	Semiconductive tape hellically applied
<b>Screen</b>	Tinned Copper wire braiding with minimum 80% coverage
<b>Outer Jacket</b>	PVC or PE or HF (alogen free) or other suitable jacketing material according to NEMA WC74 / IECA S-93-639

## OPERATING CHARACTERISTICS

<b>Conductor Operating Temperature</b>	-25°C / +90°C
<b>Rated Voltage</b>	5 kV
<b>Test Voltage</b>	18 kV
<b>Bending Radius</b>	12 x Outer Diameter
<b>Standard Of Test</b>	IECA 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 / BCUB / PE	1x6 mm <sup>2</sup>	12,9	203	3,08	52
BCL2 / EXSC / XLPE / SCT / BCUB / PVC	1x6 mm <sup>2</sup>	12,9	230	3,08	52
TCL2 / EXSC / XLPE / SCT / TCUB / PE	1x6 mm <sup>2</sup>	12,9	203	3,11	52
TCL2 / EXSC / XLPE / SCT / TCUB / PVC	1x6 mm <sup>2</sup>	12,9	230	3,11	52
BAWGB / EXSC / XLPE / SCT / BCUB / PE	1x8 AWG	13,5	238	2,10	64
BAWGB / EXSC / XLPE / SCT / BCUB / PVC	1x8 AWG	13,5	266	2,10	64
TAWGB / EXSC / XLPE / SCT / TCUB / PE	1x8 AWG	13,5	238	2,18	64
TAWGB / EXSC / XLPE / SCT / TCUB / PVC	1x8 AWG	13,5	266	2,18	64
BAWGB / EXSC / XLPE / SCT / BCUB / PE	1x6 AWG	14,5	300	1,33	85
BAWGB / EXSC / XLPE / SCT / BCUB / PVC	1x6 AWG	14,5	331	1,33	85
TAWGB / EXSC / XLPE / SCT / TCUB / PE	1x6 AWG	14,5	300	1,38	85
TAWGB / EXSC / XLPE / SCT / TCUB / PVC	1x6 AWG	14,5	331	1,38	85

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