

FAA L 824 - TYPE B



CABLE STRUCTURE

Conductor	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
Semiconductive Layer	Extruded Semiconductive material
Insulation Semiconductive Layer	EPR - Etylene propylene rubber material Semiconductive tape helically applied
Screen	Minimum 20% overlap and 100% coverage helically applied Brass Tape
Outer Jacket	CPE-XL-HD or CR-HD or Neoprene or other suitable jacketing material according to NEMA WC74 / ICEA S-93-639

OPERATING CHARACTERISTICS

Operating Temperature	-25°C / +90°C
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standard	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 / EPR / SCT / BRT / CPE-X	1x6 mm ²	12,0	214	3,08	52
TCL2 / EXSC / EPR / SCT / BRT / CPE-X	1x6 mm ²	12,0	214	3,11	52
BAWGB / EXSC / EPR / SCT / BRT / CPE-X	1x8 AWG	12,6	250	2,14	64
TAWGB / EXSC / EPR / SCT / BRT / CPE-X	1x8 AWG	12,6	250	2,22	64
BAWGB / EXSC / EPR / SCT / BRT / CPE-X	1x6 AWG	13,6	315	1,35	85
TAWGB / EXSC / EPR / SCT / BRT / CPE-X	1x6 AWG	13,6	315	1,40	85

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