FAA L 824 – TYPE B

Primary AGL Cable shielded – Power Flex - B

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
Insultion	EPR – Ethylene propylene rubber material
Semiconductive Layer	Semiconductive tape helically applied
Screen	Minimum 20% overlap and 100% coverage helically applied copper tape
Outer Jacket	CPE-XL-HD or CD-HD or Noeoprene or other suitable jacketing material according to NEMA WC74 / ICEA S-93-639.

OPERATING CHARACTERISTICS

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-93-639 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE B

Primary AGL Cable shielded – Power Flex - B

Jacket CPE-XL-HD	Cross section mm^2	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/EPR/SCT/CUT	1x6	12.0	216	3.08	52
TCL2/EXSC/EPR/SCT/CUT	1x6	12.0	216	3.08	52
BAWGB/EXSC/EPR/SCT/CUT	1x8 AWG	12.6	251	2.14	64
TAWGB/EXSC/EPR/SCT/CUT	1x8 AWG	12.6	251	2.22	64
BAWGB/EXSC/EPR/SCT/CUT	1x6 AWG	13.6	317	1.35	85
TAWGB/EXSC/EPR/SCT/CUT	1x6 AWG	13.6	317	1.40	85

Legend:

BCLS	Bare copper conductor class 2
TCL2	Tinned copper conductor class 2
BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
EPR	Ethylene propylene rubber material
SCT	Semiconductive tape helically applied
CUT	Copper tape screen

FAA L 824 – TYPE C

Primary AGL Cable shielded – Braiding Power - 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
Insultion	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

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-93-639 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE C

Primary AGL Cable shielded – Braiding Power - C

Jacket PE	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE/SCT/BCUB	1x6	12.4	203	3.08	52
TCL2/EXSC/XLPE/SCT/TCUB	1x6	12.4	203	3.11	52
BAWGB/EXSC/XLPE/SCT/BCUB	1x8 AWG	13.0	238	2.14	64
TAWGB/EXSC/XLPE/SCT/TCUB	1x8 AWG	13.0	238	2.22	64
BAWGB/EXSC/XLPE/SCT/BCUB	1x6 AWG	14.0	302	1.35	85
TAWGB/EXSC/XLPE/SCT/TCUB	1x6 AWG	14.0	302	1.40	85

Jacket PVC	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE/SCT/BCUB	1x6	12.4	22.8	3.08	52
TCL2/EXSC/XLPE/SCT/TCUB	1x6	12.4	228.	3.11	52
BAWGB/EXSC/XLPE/SCT/BCUB	1x8 AWG	13.0	263	2.14	64
TAWGB/EXSC/XLPE/SCT/TCUB	1x8 AWG	13.0	263	2.22	64
BAWGB/EXSC/XLPE/SCT/BCUB	1x6 AWG	14.0	329	1.35	85
TAWGB/EXSC/XLPE/SCT/TCUB	1x6 AWG	14.0	329	1.40	85

Legend:

BCLS	Bare copper conductor class 2
TCL2	Tinned copper conductor class 2
BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
XLPE	Insulation XLPE compound
SCT	Semiconductive tape helically applied
BCUB	Bare copper wire braiding
TCUB	Tinned copper wire braiding

FAA L 824 – TYPE B

Primary AGL Cable shielded – Brass Power Flex - B

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
Insultion	EPR – Ethylene propylene rubber material
Semiconductive Layer	Semiconductive tape helically applied
Screen	Minimum 20% overlap and 100% coverage helically applied brass tape
Outer Jacket	CPE-XL-HD or CD-HD or Noeoprene or other suitable jacketing material according to NEMA WC74 / ICEA S-93-639.

OPERATING CHARACTERISTICS

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-93-639 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE B

Primary AGL Cable shielded – Brass Power Flex - B

Jacket CPE-XL-HD	Cross section mm^2	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/EPR/SCT/BRT	1x6	12.0	214	3.08	52
TCL2/EXSC/EPR/SCT/BRT	1x6	12.0	214	3.11	52
BAWGB/EXSC/EPR/SCT/BRT	1x8 AWG	12.6	250	2.14	64
TAWGB/EXSC/EPR/SCT/BRT	1x8 AWG	12.6	250	2.22	64
BAWGB/EXSC/EPR/SCT/BRT	1x6 AWG	13.6	315	1.35	85
TAWGB/EXSC/EPR/SCT/BRT	1x6 AWG	13.6	315	1.40	85

Legend:

BCLS	Bare copper conductor class 2
TCL2	Tinned copper conductor class 2
BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
EPR	Ethylene propylene rubber material
SCT	Semiconductive tape helically applied
BRT	Brass tape screen

FAA L 824 – TYPE C

Primary AGL Cable shielded – Brass Power - 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
Insultion	XLPE - Cross linked polyethylene material
Semiconductive Layer	Semiconductive tape helically applied
Screen	Minimum 20% overlap and 100% coverage helically applied brass 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

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-93-639 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE C

Primary AGL Cable shielded – Brass Power - C

Jacket PE	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE/SCT/BRT	1x6	11.9	180	3.08	52
TCL2/EXSC/XLPE/SCT/BRT	1x6	11.9	208	3.08	52
BAWGB/EXSC/XLPE/SCT/BRT	1x8 AWG	12.8	208	2.14	64
TAWGB/EXSC/XLPE/SCT/BRT	1x8 AWG	12.8	208	2.22	64
BAWGB/EXSC/XLPE/SCT/BRT	1x6 AWG	13.6	275	1.35	85
TAWGB/EXSC/XLPE/SCT/BRT	1x6 AWG	13.6	275	1.40	85

Jacket PVC	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE/SCT/BRT	1x6	11.9	208	3.08	52
TCL2/EXSC/XLPE/SCT/BRT	1x6	11.9	208	3.11	52
BAWGB/EXSC/XLPE/SCT/BRT	1x8 AWG	12.8	240	2.14	64
TAWGB/EXSC/XLPE/SCT/BRT	1x8 AWG	12.8	240	2.22	64
BAWGB/EXSC/XLPE/SCT/BRT	1x6 AWG	13.6	302	1.35	85
TAWGB/EXSC/XLPE/SCT/BRT	1x6 AWG	13.6	302	1.40	85

Legend:

BCLS	Bare copper conductor class 2
TCL2	Tinned copper conductor class 2
BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
XLPE	Insulation XLPE compound
SCT	Semiconductive tape helically applied
BRT	Brass tape screen

FAA L 824 – TYPE C

Primary AGL Cable shielded – Copper Power - 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
Insultion	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

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-93-639 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE C

Primary AGL Cable shielded – Copper Power - C

Jacket PE	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE/SCT/CUT	1x6	11.9	182	3.08	52
TCLS/EXSC/XLPE/SCT/CUT	1x6	11.9	211	3.08	52
BAWGB/EXSC/XLPE/SCT/CUT	1x8 AWG	12.8	210	2.14	64
TAWGB/EXSC/XLPE/SCT/CUT	1x8 AWG	12.8	210	2.22	64
BAWGB/EXSC/XLPE/SCT/CUT	1x6 AWG	13.6	277	1.35	85
TAWGB/EXSC/XLPE/SCT/CUT	1x6 AWG	13.6	277	1.40	85

Jacket PVC	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE/SCT/CUT	1x6	11.9	211	3.08	52
TCLS/EXSC/XLPE/SCT/CUT	1x6	11.9	211	3.11	52
BAWGB/EXSC/XLPE/SCT/CUT	1x8 AWG	12.8	242	2.14	64
TAWGB/EXSC/XLPE/SCT/CUT	1x8 AWG	12.8	242	2.22	64
BAWGB/EXSC/XLPE/SCT/CUT	1x6 AWG	13.6	305	1.35	85
TAWGB/EXSC/XLPE/SCT/CUT	1x6 AWG	13.6	305	1.40	85

Legend:

BCLS	Bare copper conductor class 2
TCL2	Tinned copper conductor class 2
BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
XLPE	Insulation XLPE compound
SCT	Semiconductive tape helically applied
CUT	Copper tape screen

FAA L 824 – TYPE B

Primary AGL Cable shielded – Special Flex - B

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
Insultion	EPR – Ethylene propylene rubber material
Semiconductive Layer	Semiconductive tape helically applied
Screen	Minimum 20% overlap and 100% coverage helically applied copper or brass tape
Outer Jacket	CPE-XL-HD or CD-HD or Noeoprene or other suitable jacketing material according to NEMA WC74 / ICEA S-93-639.

OPERATING CHARACTERISTICS

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-93-639 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE B

Primary AGL Cable shielded –Special Flex - B

Jacket CPE-XL-HD	Cross section mm^2	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BAWGB/EXSC/EPR/SCT/CUT	1x8 AWG	15.0	345	2.14	64
TAWGB/EXSC/EPR/SCT/CUT	1x8 AWG	15.0	345	2.22	64
BAWGB/EXSC/EPR/SCT/BRT	1x8 AWG	15.0	345	1.35	85
TAWGB/EXSC/EPR/SCT/BRT	1x8 AWG	15.0	345	1.40	85

Legend:

BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
EPR	Ethylene propylene rubber material
SCT	Semiconductive tape helically applied
CUT	Copper tape screen
BRT	Brass tape screen

FAA L 824 – TYPE C

Primary AGL Cable unscreened Power - 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
Insultion	XLPE - Cross linked polyethylene material
Outer Jacket	PVC or PE or HF (halogen free) or other suitable jacketing material according to NEMA WC71 / ICEA S-96-659.

OPERATING CHARACTERISTICS

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-96-659 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE C

Primary AGL Cable unscreened Power - C

Jacket PE	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE	1x6	11.0	162	3.08	52
TCLS/EXSC/XLPE	1x6	11.0	162	3.08	52
BAWGB/EXSC/XLPE	1x8 AWG	11.9	183	2.14	64
TAWGB/EXSC/XLPE	1x8 AWG	11.9	183	2.22	64
BAWGB/EXSC/XLPE	1x6 AWG	13.0	249	1.35	85
TAWGB/EXSC/XLPE	1x6 AWG	13.0	249	1.40	85

Jacket PVC	Cross section mm²	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/XLPE	1x6	11.0	192	3.08	52
TCLS/EXSC/XLPE	1x6	11.0	192	3.11	52
BAWGB/EXSC/XLPE	1x8 AWG	11.9	207	2.14	64
TAWGB/EXSC/XLPE	1x8 AWG	11.9	207	2.22	64
BAWGB/EXSC/XLPE	1x6 AWG	13.0	263	1.35	85
TAWGB/EXSC/XLPE	1x6 AWG	13.0	263	1.40	85

Legend:

BCLS	Bare copper conductor class 2
TCL2	Tinned copper conductor class 2
BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
XLPE	Insulation XLPE compound

FAA L 824 – TYPE B

Primary AGL Cable unscreened Power - B

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
Insultion	EPR – Ethylene propylene rubber material
Outer Jacket	CPE-XL-HD or CR-HD or Neoprene or other suitable jacketing material according to NEMA WC71 / ICEA S-96-659.

OPERATING CHARACTERISTICS

Operating Temperature	-25ºC / +90ºC
Rated Voltage	5 kV
Test Voltage	18 kV
Bending Radius	12 x Outer Diameter
Standards	ICEA S-96-659 / NEMA WC74 / FAA Specification for L824 – AC No 150 / 5345-7F

FAA L 824 – TYPE B

Primary AGL Cable unscreened Power - B

Jacket PE	Cross section mm^2	Overall Diameter mm	Approx Weight kg/km	Max. Resistance of Conductors @ 20°C (Ω/km)	Current Carrying Capacity @ 45°C (A)
BCLS2/EXSC/EPR	1x6	11.0	180	3.08	52
TCLS/EXSC/ EPR	1x6	11.0	180	3.08	52
BAWGB/EXSC/ EPR	1x8 AWG	11.9	214	2.14	64
TAWGB/EXSC/ EPR	1x8 AWG	11.9	214	2.22	64
BAWGB/EXSC/ EPR	1x6 AWG	13.0	275	1.35	85
TAWGB/EXSC/ EPR	1x6 AWG	13.0	275	1.40	85

Legend:

BCLS	Bare copper conductor class 2
TCL2	Tinned copper conductor class 2
BAWGB	Bare copper AWG conductor
TAWGB	Tinned copper AWG conductor
EXSC	Extruded Semiconductive material
EPR	Ethylene propylene rubber material