

FAA L 824 - TYPE B



CABLE STRUCTURE

Conductor	Strand of annealed tinned or bare copper wires According to IEC C 60228 - Class 2 or Class 5 AWG types to ASTM B8 - Class B or Class C If requested ASTM B172 or B173 flexible versions also available
Insulation	EPR - Ethylene propylene rubber material
Outer Jacket	CPE-XL-HD or Cr - HD or NEoprene or other suitable jacketing material according to NEMA WC70 / ICEA S-95-658.

OPERATING CHARACTERISTICS

Conductor Operating Temperature	-25°C / +90°C
Rated Voltage	600 V
Test Voltage	2 kV
Bending Radius	5 x Outer Diameter
Standard Of Test	NEMA WC 70 / ICEA S-95-6588

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 / EPR / CPE-XL-HD	1x2,5 mm ²	5,0	45	7,41	30
BCL2 / EPR / CPE-XL-HD	1x4 mm ²	5,5	62	4,61	40
BCL2 / EPR / CPE-XL-HD	1x6 mm ²	6,1	84	3,08	52
BCL2 / EPR / CPE-XL-HD	1x10 mm ²	8,3	149	1,83	72
BCL2 / EPR / CPE-XL-HD	2x2,5 mm ²	10,0	139	7,41	26
BCL2 / EPR / CPE-XL-HD	2x4 mm ²	11,0	182	4,61	34
BCL2 / EPR / CPE-XL-HD	2x6 mm ²	12,2	240	3,08	44
BCL2 / EPR / CPE-XL-HD	2x10 mm ²	16,7	432	1,83	61
BCL5 / EPR / CPE-XL-HD	1x2,5 mm ²	4,9	42	7,98	30
BCL5 / EPR / CPE-XL-HD	1x4 mm ²	5,4	57	4,95	40
BCL5 / EPR / CPE-XL-HD	1x6 mm ²	6,0	77	3,30	52
BCL5 / EPR / CPE-XL-HD	1x10 mm ²	8,3	140	1,91	72
BCL5 / EPR / CPE-XL-HD	2x2,5 mm ²	9,7	129	7,98	26
BCL5 / EPR / CPE-XL-HD	2x4 mm ²	10,8	173	4,95	34

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

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)
BCL5 / EPR / CPE-XL-HD	2X6 mm ²	11,9	224	3,30	44
BCL5 / EPR / CPE-XL-HD	2X10 mm ²	16,3	409	1,91	61
BAWGB / EPR / CPE-XL-HD	1x12 AWG	5,3	55	5,34	36
BAWGB / EPR / CPE-XL-HD	1x10 AWG	5,9	77	3,35	48
BAWGB / EPR / CPE-XL-HD	1x8 AWG	7,6	124	2,10	64
BAWGB / EPR / CPE-XL-HD	1x6 AWG	8,5	177	1,33	86
BAWGB / EPR / CPE-XL-HD	2x12 AWG	10,7	166	5,34	30
BAWGB / EPR / CPE-XL-HD	2x10 AWG	11,9	222	3,35	40
BAWGB / EPR / CPE-XL-HD	2x8 AWG	16,0	385	2,10	54
BAWGB / EPR / CPE-XL-HD	2x6 AWG	17,9	525	1,33	72
BAWGC / EPR / CPE-XL-HD	1x12 AWG	5,4	55	5,34	36
BAWGC / EPR / CPE-XL-HD	1x10 AWG	6,0	77	3,35	48
BAWGC / EPR / CPE-XL-HD	1x8 AWG	7,6	124	2,10	64
BAWGC / EPR / CPE-XL-HD	1x6 AWG	9,0	185	1,33	86
BAWGC / EPR / CPE-XL-HD	2x12 AWG	10,7	166	5,34	30
BAWGC / EPR / CPE-XL-HD	2x10 AWG	12,0	224	3,35	40
BAWGC / EPR / CPE-XL-HD	2x8 AWG	16,1	388	2,10	54
BAWGC / EPR / CPE-X	2x6 AWG	18,0	529	1,33	72
TCL2 / EPR / CPE-XL-HD	1x2,5 mm ²	5,0	45	7,56	30
TCL2 / EPR / CPE-XL-HD	1x4 mm ²	5,5	62	4,70	40
TCL2 / EPR / CPE-XL-HD	1x6 mm ²	6,1	84	3,11	52
TCL2 / EPR / CPE-XL-HD	1x10 mm ²	8,3	149	1,84	72
TCL2 / EPR / CPE-XL-HD	2x2,5 mm ²	10,0	139	7,56	26
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TCL2 / EPR / CPE-XL-HD	2x10 mm ²	16,7	432	1,84	61
TCL5 / EPR / CPE-XL-HD	1x2,5 mm ²	4,9	42	8,21	30
TCL5 / EPR / CPE-XL-HD	1x4 mm ²	5,4	57	5,09	40
TCL5 / EPR / CPE-XL-HD	1x6 mm ²	6,0	77	3,39	52
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TCL5 / EPR / CPE-XL-HD	2x10 mm ²	16,3	409	1,95	61
TAWGB / EPR / CPE-XL-HD	1x12 AWG	5,3	55	5,54	36
TAWGB / EPR / CPE-XL-HD	1x10 AWG	5,9	77	3,4	48
TAWGB / EPR / CPE-XL-HD	1x8 AWG	7,6	124	2,18	64
TAWGB / EPR / CPE-XL-HD	1x6 AWG	8,5	177	1,38	86
TAWGB / EPR / CPE-XL-HD	2x12 AWG	10,7	166	5,54	30
TAWGB / EPR / CPE-XL-HD	2x10 AWG	11,9	222	3,48	40

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