

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 / IECA S-96-658.

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	IECA S - 96 - 658 / NEMA WC 70

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	5,2	50	7,41	30
BCL2 / EPR / CPE-XL-HD	1x4 mm ²	5,9	70	4,61	40
BCL2 / EPR / CPE-XL-HD	1x6 mm ²	6,4	92	3,08	52
BCL2 / EPR / CPE-XL-HD	1x10 mm ²	8,2	150	1,83	72
BCL2 / EPR / CPE-XL-HD	2x2,5 mm ²	8,8	150	7,41	26
BCL2 / EPR / CPE-XL-HD	2x4 mm ²	10,8	198	4,61	34
BCL2 / EPR / CPE-XL-HD	2x6 mm ²	12,0	265	3,08	44
BCL2 / EPR / CPE-XL-HD	2x10 mm ²	16,2	452	1,83	61
BCL5 / EPR / CPE-XL-HD	1x2,5 mm ²	5,2	49	7,98	30
BCL5 / EPR / CPE-XL-HD	1x4 mm ²	5,7	68	4,95	40
BCL5 / EPR / CPE-XL-HD	1x6 mm ²	6,2	85	3,30	52
BCL5 / EPR / CPE-XL-HD	1x10 mm ²	7,7	135	1,91	72
BCL5 / EPR / CPE-XL-HD	2x2,5 mm ²	8,7	135	7,98	26
BCL5 / EPR / CPE-XL-HD	2x4 mm ²	10,2	192	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	11,7	252	3,30	44
BCL5 / EPR / CPE-XL-HD	2X10 mm ²	15,5	435	1,91	61
BAWGB / EPR / CPE-XL-HD	1x12 AWG	5,5	60	5,44	36
BAWGB / EPR / CPE-XL-HD	1x10 AWG	6,4	85	3,41	48
BAWGB / EPR / CPE-XL-HD	1x8 AWG	7,9	138	2,14	64
BAWGB / EPR / CPE-XL-HD	1x6 AWG	8,7	185	1,35	86
BAWGB / EPR / CPE-XL-HD	2x12 AWG	10,4	179	5,44	30
BAWGB / EPR / CPE-XL-HD	2x10 AWG	11,7	342	3,41	40
BAWGB / EPR / CPE-XL-HD	2x8 AWG	15,5	410	2,14	54
BAWGB / EPR / CPE-XL-HD	2x6 AWG	17,5	547	1,35	72
BAWGC / EPR / CPE-XL-HD	1x12 AWG	5,5	60	5,44	36
BAWGC / EPR / CPE-XL-HD	1x10 AWG	6,2	83	3,41	48
BAWGC / EPR / CPE-XL-HD	1x8 AWG	8,1	142	2,14	64
BAWGC / EPR / CPE-XL-HD	1x6 AWG	8,7	186	1,35	86
BAWGC / EPR / CPE-XL-HD	2x12 AWG	10,2	177	5,44	30
BAWGC / EPR / CPE-XL-HD	2x10 AWG	11,8	345	3,41	40
BAWGC / EPR / CPE-XL-HD	2x8 AWG	15,5	411	2,14	54
BAWGC / EPR / CPE-X	2x6 AWG	17,6	550	1,35	72
TCL2 / EPR / CPE-XL-HD	1x2,5 mm ²	5,3	52	7,56	30
TCL2 / EPR / CPE-XL-HD	1x4 mm ²	5,8	75	4,70	40
TCL2 / EPR / CPE-XL-HD	1x6 mm ²	6,3	90	3,11	52
TCL2 / EPR / CPE-XL-HD	1x10 mm ²	8,2	154	1,84	72
TCL2 / EPR / CPE-XL-HD	2x2,5 mm ²	9,6	158	7,56	26
TCL2 / EPR / CPE-XL-HD	2x4 mm ²	10,9	208	4,70	34
TCL2 / EPR / CPE-XL-HD	2x6 mm ²	11,9	263	3,11	44
TCL2 / EPR / CPE-XL-HD	2x10 mm ²	16,1	453	1,84	61
TCL5 / EPR / CPE-XL-HD	1x2,5 mm ²	5,1	52	8,21	30
TCL5 / EPR / CPE-XL-HD	1x4 mm ²	5,7	70	5,09	40
TCL5 / EPR / CPE-XL-HD	1x6 mm ²	6,3	94	3,39	52
TCL5 / EPR / CPE-XL-HD	1x10 mm ²	8,1	147	1,95	72
TCL5 / EPR / CPE-XL-HD	2x2,5 mm ²	9,4	145	8,21	26
TCL5 / EPR / CPE-XL-HD	2x4 mm ²	10,5	190	5,09	34
TCL5 / EPR / CPE-XL-HD	2x6 mm ²	11,5	243	3,39	44
TCL5 / EPR / CPE-XL-HD	2x10 mm ²	15,7	432	1,95	61
TAWGB / EPR / CPE-XL-HD	1x12 AWG	5,6	65	5,64	36
TAWGB / EPR / CPE-XL-HD	1x10 AWG	6,2	91	3,54	48
TAWGB / EPR / CPE-XL-HD	1x8 AWG	7,8	142	2,22	64
TAWGB / EPR / CPE-XL-HD	1x6 AWG	8,8	196	1,40	86
TAWGB / EPR / CPE-XL-HD	2x12 AWG	10,5	186	5,64	30
TAWGB / EPR / CPE-XL-HD	2x10 AWG	11,6	243	3,54	40

(*) 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)
TAWGB / EPR / CPE-XL-HD	2x8 AWG	15,6	420	2,22	54
TAWGB / EPR / CPE-XL-HD	2x6 AWG	17,5	548	1,40	72
TAWGC / EPR / CPE-XL-HD	1x12 AWG	5,5	68	5,73	36
TAWGC / EPR / CPE-XL-HD	1x10 AWG	6,2	96	3,54	48
TAWGC / EPR / CPE-XL-HD	1x8 AWG	7,8	142	2,22	64
TAWGC / EPR / CPE-XL-HD	1x6 AWG	8,8	196	1,40	86
TAWGC / EPR / CPE-XL-HD	2x12 AWG	10,4	187	5,73	30
TAWGC / EPR / CPE-XL-HD	2x10 AWG	11,6	248	3,54	40
TAWGC / EPR / CPE-XL-HD	2x8 AWG	15,3	395	2,22	64
TAWGC / EPR / CPE-XL-HD	2x6 AWG	17,3	555	1,40	72

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