

FESTOON CABLES

FLEXIFESTOON® SOOW

EPDM/CPE cable, cULus 600 V - 40°C up to 90°C FT2, Water resistance, MSHA



ELETTROTEKKABEL® FLEXIFESTOON® SOOW
cULus 600 V -40°C up to 90°C -40°C up to 90°C FT2, Water resistance, MSHA



Construction:

- Conductor:** finely stranded red copper acc.to Cl. K, acc. to ASTM B-174
- Insulation:** rubber EPDM compound
- Cores color:** acc. to ICEA Method 1-E1 (K-1)
- Stranding:** in layers
- Outer sheath:** black (similar to RAL 9005), rubber CPE compound

Resistance:



Flame test acc. to:
CSA FT 2

Technical data:

- Nominal voltage:** 600 V
- Test voltage:** 2 kV
- Temperature range:**
- Fixed laying:* -40°C up to +90°C
- Flexible application:* -40°C up to +90°C
- Min. bending radius:**
- Fixed laying:* 6 x D
- Flexible application:* 6 x D

Features:

- UV, ozone, water, oil and abrasion resistant
- flexible in cold weather
- on request tinned copper conductor
- on request screened version

c(UL)us 600 V -40°C up to 90°C, FT2

acc. to UL standard 62

acc. to CSA 22.2 No. 49

MSHA approval

for MINIMUM BENDING RADIUS see pages from 5 to 8 of catalogue

RoHS approval



Part no.	No. of cores x cross section n x AWG	Outer-Ø inches/mm ± 10%	Cable weight approx. Lbs/Mft-kg/km	Current capacity at +30°C Amps
03200F7K020A18	2 x 18	0,346 - 7,6	67 - 100	10
03200F7K030A18	3 x 18	0,365 - 9,27	84 - 125	10
03200F7K040A18	4 x 18	0,39 - 9,91	98 - 146	7
03200F7K050A18	5 x 18	0,465 - 11,81	116 - 173	5
03200F7K060A18	6 x 18	0,48 - 12,3	131 - 195	5,6
03200F7K070A18	7 x 18	0,48 - 12,3	134 - 199	5,6
03200F7K080A18	8 x 18	0,52 - 13,1	151 - 225	4,9
03200F7K090A18	9 x 18	0,55 - 14	178 - 265	4,9
03200F7K100A18	10 x 18	0,59 - 15	180 - 268	4,9
03200F7K120A18	12 x 18	0,61 - 15,4	202 - 301	3,5
03200F7K140A18	14 x 18	0,66 - 16,9	246 - 366	3,5
03200F7K160A18	16 x 18	0,69 - 17,6	274 - 408	3,5
03200F7K200A18	20 x 18	0,76 - 19,3	333 - 496	3,5
03200F7K240A18	24 x 18	0,83 - 21,2	376 - 560	3,2
03200F7K300A18	30 x 18	0,91 - 23	470 - 699	3,2
03200F7K020A16	2 x 16	0,37 - 9,4	81 - 121	13
03200F7K030A16	3 x 16	0,39 - 9,91	94 - 140	13
03200F7K040A16	4 x 16	0,415 - 10,54	118 - 176	10
03200F7K050A16	5 x 16	0,495 - 12,57	143 - 213	8
03200F7K060A16	6 x 16	0,53 - 13,4	165 - 246	8
03200F7K070A16	7 x 16	0,53 - 13,4	170 - 253	8
03200F7K080A16	8 x 16	0,575 - 14,6	222 - 331	-
03200F7K090A16	9 x 16	0,63 - 16,1	238 - 354	7
03200F7K100A16	10 x 16	0,65 - 16,5	265 - 395	-
03200F7K120A16	12 x 16	0,66 - 16,8	305 - 454	-
03200F7K140A16	14 x 16	0,73 - 18,5	316 - 470	5

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Part no.	No. of cores x cross section n x AWG	Outer-Ø inches/mm ± 10%	Cable weight approx. Lbs/Mft-kg/km	Current capacity at +30°C Amps
03200F7K160A16	16 x 16	0,76 - 19,4	354 - 527	5
03200F7K200A16	20 x 16	0,84 - 21,2	434 - 646	5
03200F7K240A16	24 x 16	0,92 - 23,4	520 - 774	4,5
03200F7K300A16	30 x 16	1 - 25,4	615 - 915	4,5
03200F7K370A16	37 x 16	1,07 - 27,3	730 - 1086	4
03200F7K400A16	40 x 16	1,11 - 28,2	772 - 1149	4
03200F7K520A16	52 x 16	1,28 - 32,4	1016 - 1512	3,5
03200F7K600A16	60 x 16	1,35 - 34,2	1154 - 1717	3,5
03200F7K020A14	2 x 14	0,5 - 12,7	134 - 199	18
03200F7K030A14	3 x 14	0,525 - 13,34	169 - 252	18
03200F7K040A14	4 x 14	0,57 - 14,48	201 - 299	15
03200F7K050A14	5 x 14	0,668 - 16,97	272 - 405	12
03200F7K060A14	6 x 14	0,69 - 17,6	277 - 412	12
03200F7K070A14	7 x 14	0,69 - 17,6	285 - 424	12
03200F7K080A14	8 x 14	0,74 - 18,9	324 - 480	10,5
03200F7K100A14	10 x 14	0,86 - 21,9	388 - 577	10,5
03200F7K120A14	12 x 14	0,89 - 22,5	441 - 656	7,5
03200F7K160A14	16 x 14	0,98 - 24,8	563 - 838	7,5
03200F7K200A14	20 x 14	1,11 - 28,1	730 - 1086	7,5
03200F7K240A14	24 x 14	1,22 - 31,1	828 - 1232	6,8
03200F7K300A14	30 x 14	1,32 - 33,6	1027 - 1528	6,8
03200F7K370A14	37 x 14	1,42 - 36,2	1224 - 1821	6
03200F7K020A12	2 x 12	0,57 - 14,48	184 - 274	25
03200F7K030A12	3 x 12	0,595 - 15,11	224 - 333	25
03200F7K040A12	4 x 12	0,650 - 16,51	276 - 411	20
03200F7K050A12	5 x 12	0,713 - 18,11	318 - 473	16
03200F7K060A12	6 x 12	0,74 - 18,8	344 - 512	16
03200F7K070A12	7 x 12	0,74 - 18,8	358 - 533	16
03200F7K080A12	8 x 12	0,80 - 20,2	408 - 607	14
03200F7K090A12	9 x 12	0,92 - 23,5	461 - 686	14
03200F7K100A12	10 x 12	0,95 - 24,2	519 - 772	14
03200F7K120A12	12 x 12	0,98 - 24,9	591 - 879	10
03200F7K140A12	14 x 12	1,03 - 26,1	668 - 994	10
03200F7K160A12	16 x 12	1,08 - 27,5	755 - 1124	10
03200F7K200A12	20 x 12	1,22 - 31	971 - 1445	10
03200F7K240A12	24 x 12	1,35 - 34,3	1106 - 1646	9
03200F7K260A12	26 x 12	1,38 - 35	1180 - 1756	9
03200F7K300A12	30 x 12	1,43 - 36,3	1327 - 1975	9
03200F7K370A12	37 x 12	1,53 - 39	1588 - 2363	8
03200F7K440A12	44 x 12	1,72 - 43,6	1868 - 2780	7
03200F7K020A10	2 x 10	0,615 - 15,62	225 - 335	30
03200F7K030A10	3 x 10	0,66 - 16,76	299 - 445	30
03200F7K040A10	4 x 10	0,71 - 18,03	360 - 536	25
03200F7K050A10	5 x 10	0,77 - 19,56	409 - 609	20
03200F7K060A10	6 x 10	0,82 - 20,7	452 - 673	20
03200F7K070A10	7 x 10	0,82 - 20,7	474 - 705	20
03200F7K080A10	8 x 10	0,88 - 22,3	541 - 805	17,5
03200F7K100A10	10 x 10	1,05 - 26,8	686 - 1021	17,5
03200F7K120A10	12 x 10	1,09 - 27,6	788 - 1173	12,5
03200F7K160A10	16 x 10	1,23 - 31,2	1053 - 1567	12,5
03200F7K200A10	20 x 10	1,35 - 34,4	1304 - 1940	12,5
03200F7K260A10	26 x 10	1,54 - 39	1598 - 2378	11,3
03200F7K300A10	30 x 10	1,59 - 40,4	1803 - 2683	11,3
03200F7K400A10	40 x 10	1,87 - 47,4	2464 - 3667	10
03200F7K030A08	3 x 8	0,88 - 22,35	485 - 722	40
03200F7K040A08	4 x 8	0,953 - 24,21	619 - 921	35
03200F7K050A08	5 x 8	1,034 - 26,26	722 - 1074	28
03200F7K030A06	3 x 6	1,04 - 26,42	700 - 1042	55
03200F7K040A06	4 x 6	1,125 - 28,58	837 - 1246	45
03200F7K050A06	5 x 6	1,185 - 30,1	979 - 1457	36
03200F7K030A04	3 x 4	1,315 - 28,83	902 - 1342	70
03200F7K040A04	4 x 4	1,255 - 31,88	1144 - 1702	60
03200F7K050A04	5 x 4	1,348 - 34,24	1320 - 1964	48
03200F7K020A02	3 x 2	1,305 - 33,15	1277 - 1900	95
03200F7K040A02	4 x 2	1,455 - 36,96	1639 - 2439	80
03200F7K050A02	5 x 2	1,556 - 39,52	1925 - 2865	64

Other dimensions and colors available on request.