

# FESTOON CABLES

## FLEXIFESTOON® PV-FLAT UL



ELETTROTEK KABEL® FLEXIFESTOON® PV-FLAT UL  
UL Festoon and AWM 105°C 600 V, CSA Festoon 105°C 600 V

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### Construction:

- Conductor:** flexible red copper conductor class M from 16 AWG up to 14 AWG  
flexible red copper conductor class K from 12 AWG and larger
- Insulation:** special PVC compound 105°C
- Cores color:** acc. to ICEA Method 1-E2 (K-2)\*  
\*5 conductors:  
1 green, 2 white, 3 black, 4 red and blue
- Stranding:** cores laying parallel
- Outer sheath:** yellow (similar to RAL 1021), special PVC compound 105°C  
black (similar to RAL 9005), on request

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
UL VW-1, CSA FT1

### Technical data:

- Nominal voltage:** 600 V
- Max. operating voltage:** 2000 V
- Test voltage:** 2 kV
- Temperature range:** -40°C up to +105°C
- Max. temp on conductor:**  
*In service:* up to +90°C (105°C)  
*In short circuit:* up to +150°C
- Min. bending radius:** 5 x d
- Max. temp on conductor:**  
*In service:* up to +90°C (105°C)  
*In short circuit:* up to +150°C
- Tensile strenght:**  
*Static:* 15 n/mm<sup>2</sup>  
*Dynamic:* 30 n/mm<sup>2</sup>
- Max speed (main application):** 120 m/min

### Features:

- oil resistant outer sheath
- UV resistant
- cold resistant
- Indoor/outdoor use
- high flexibility
- minimum waste of space
- acc. to NEC approval
- UL festoon and AWM 105°C 600 V
- CSA festoon 105°C 600 V
- for SPEEDS and MINIMUM BENDING RADIUS see pages from 2 to 8 of catalogue

Part no.	No. of cores x cross section n x AWG	Outer Ø inches/mm ±10%	Copper weight Lbs/Mft - kg/km	Cable weight approx. Lbs/Mft - kg/km
03220FYU040A16	4x16	0,6x0,2 - 15,2x5,1	33,8 - 50,3	87,4 - 130
03220FYU080A16	8x16	1,12x0,2 - 28,5x5,1	67,6 - 100,6	174,7 - 260
03220FYU120A16	12x16	1,68x0,2 - 41x5,1	101,4 - 150,9	268,8 - 400
03220FYU040A14	4x14	0,69x0,24 - 17,5x6,2	53,7 - 79,9	141,1 - 210
03220FYU080A14	8x14	1,34x0,24 - 34x6,2	107,3 - 159,7	255,4 - 380
03220FYU120A14	12x14	1,97x0,24 - 50x6,2	161,3 - 240	362,9 - 540
03220FYU040A12	4x12	0,71x0,24 - 18,1x6	85,4 - 127,1	168 - 250
03220FYU050A12	5x12	0,85x0,22 - 21,5x5,6	106,8 - 158,9	201,6 - 300
03220FYU080A12	8x12	1,34x0,24 - 34x6	170,8 - 254,2	315,8 - 470
03220FYU120A10	4x10	0,89x0,27 - 22,5x6,9	135,7 - 202	255,4 - 380
03220FYU050A10	5x10	1,08x0,27 - 27,5x6,9	169,7 - 252,5	302,4 - 450
03220FYU040A08	4x8	1,2x0,37 - 30,5x9,4	215,2 - 320,2	403,2 - 600
03220FYU040A06	4x6	1,45x0,43 - 36,8x10,9	343 - 510,7	618,2 - 920
03220FYU050A06	5x6	1,81x0,43 - 46x10,9	429 - 638,4	780 - 1160,7
03220FYU040A04	4x4	1,68x0,49 - 42,6x12,5	547,1 - 814,1	873,6 - 1300
03220FYU040A02	4x2	1,97x0,57 - 50x14,5	867 - 1290,2	1276,8 - 1900
03220FYU040A1C	4x1/0	2,6x0,75 - 66x19,1	1378 - 2050,6	2221 - 3305
03220FYU040A2C	4x2/0	2,72x0,79 - 69x20	1739,1 - 2588,2	2587,2 - 3850

Other dimensions and colors available on request.