

FLEXIFESTOON® PV-FLAT UL



ELETTROTEK KABEL® FLEXIFESTOON® PV-FLAT UL 105°C 600 V VW-1
(UL) FESTOON CABLE OUTDOOR, CSA FESTOON CABLE 105°C 600 V FT1 (-40°C), CE RoHS



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

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
TENSILE STRENGTH:	
STATIC:	15 N/mm ²
DYNAMIC:	30 N/mm ²
MAX SPEED (MAIN APPLICATION):	120 m/min

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
UL VW-1, CSA FT1

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
- ROHS AND CE APPROVAL



FLEXIFESTOON® PV-FLAT UL



ELETTROTEK KABEL® FLEXIFESTOON® PV-FLAT UL 105°C 600 V VW-1
(UL) FESTOON CABLE OUTDOOR, CSA FESTOON CABLE 105°C 600 V FT1 (-40°C), CE RoHS



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	4 x 16	0,6 x 0,2 - 15,2 x 5,1	33,8 - 50,3	87,4 - 130
03220FYU080A16	8 x 16	1,12 x 0,2 - 28,5 x 5,1	67,6 - 100,6	174,7 - 260
03220FYU120A16	12 x 16	1,68 x 0,2 - 41 x 5,1	101,4 - 150,9	268,8 - 400
03220FYU040A14	4 x 14	0,69 x 0,24 - 17,5 x 6,2	53,7 - 79,9	141,1 - 210
03220FYU080A14	8 x 14	1,34 x 0,24 - 34 x 6,2	107,3 - 159,7	255,4 - 380
03220FYU120A14	12 x 14	1,97 x 0,24 - 50 x 6,2	161,3 - 240	362,9 - 540
03220FYU040A12	4 x 12	0,71 x 0,24 - 18,1 x 6	85,4 - 127,1	168 - 250
03220FYU050A12	5 x 12	0,85 x 0,22 - 21,5 x 5,6	106,8 - 158,9	201,6 - 300
03220FYU080A12	8 x 12	1,34 x 0,24 - 34 x 6	170,8 - 254,2	315,8 - 470
03220FYU040A10	4 x 10	0,89 x 0,27 - 22,5 x 6,9	135,7 - 202	255,4 - 380
03220FYU050A10	5 x 10	1,08 x 0,27 - 27,5 x 6,9	169,7 - 252,5	302,4 - 450
03220FYU040A08	4 x 8	1,2 x 0,37 - 30,5 x 9,4	215,2 - 320,2	403,2 - 600
03220FYU040A06	4 x 6	1,45 x 0,43 - 36,8 x 10,9	343 - 510,7	618,2 - 920
03220FYU050A06	5 x 6	1,81 x 0,43 - 46 x 10,9	429 - 638,4	780 - 1160,7
03220FYU040A04	4 x 4	1,68 x 0,49 - 42,6 x 12,5	547,1 - 814,1	873,6 - 1300
03220FYU040A02	4 x 2	1,97 x 0,57 - 50 x 14,5	867 - 1290,2	1276,8 - 1900
03220FYU040A1C	4 x 1/0	2,6 x 0,75 - 66 x 19,1	1378 - 2050,6	2221 - 3305
03220FYU040A2C	4 x 2/0	2,72 x 0,79 - 69 x 20	1739,1 - 2588,2	2587,2 - 3850

Other dimensions and colors available on request.