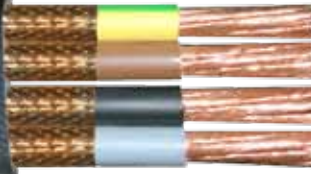


## FLEXIFESTOON® PV-FLAT CY (VCVH6-F)

ELETTROTEK KABEL® FLEXIFESTOON® PV-FLAT CY (VCVH6-F)



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PVC type T12
<b>Cores color:</b>	acc. to DIN VDE 0293-308, HD 308 S2 from 6 cores black cores with consecutive numbers acc. to EN 50334; green-yellow earth-wire from 3 cores
<b>Stranding:</b>	cores laying parallel
<b>Screen:</b>	red copper braid
<b>Outer sheath:</b>	black (similar to RAL 9005), special PVC compound

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2



**Oil resistance acc. to:**  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1

### Technical data:

<b>Nominal voltage:</b>	
up to 1,5 mm <sup>2</sup> :	U <sub>0</sub> /U 300/500 V
from 2,5 mm <sup>2</sup> :	U <sub>0</sub> /U 0,6/1 kV
<b>Test voltage:</b>	
up to 1,5 mm <sup>2</sup> :	2 kV
from 2,5 mm <sup>2</sup> :	2,5 kV
<b>Temperature range:</b>	
Fixed laying:	-25°C up to +60°C
Flexible application:	-20°C up to +60°C
<b>Max. temp on conductor:</b>	
In service:	up to +70°C
In short circuit:	up to +150°C
<b>Min. bending radius:</b>	10 x D
<b>Radiation resistance:</b>	up to 80x10 <sup>6</sup> cJ/kg (up to 80 Mrad)
<b>Tensile strength:</b>	
Static:	15 n/mm <sup>2</sup>
Dynamic:	30 n/mm <sup>2</sup>
<b>Max speed (main application):</b>	120 m/min

### Features:

- UV, ozone and chemical resistant
- on request tinned copper braid screen
- high flexibility
- minimum waste of space
- for SPEEDS and MINIMUM BENDING RADIUS see pages from 2 to 8 of catalogue
- RoHS and CE approval



Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.)*
03060D72051M05	5G0,5	3,4x21	64	92	20
03060D70054M05	5x(4G0,5)C	7,2x37,4	175	280	20
03060D70089900	8x(7G0,5)C	11,7x68,6	480	650	20
03060D70044M10	4x4G1	11x33,5	310	350	18
03060D71160M10	16x1	53,5x5,4	368	630	18
03060D72041M15	4G1,5	5,5x18	114	220	16
03060D70071M15	7G1,5	6,9x21	156	300	16
03060D70081M15	8G1,5	5,5x34	179	430	16
03060D70121M15	12G1,5	5,5x50	267	584	16
03060G72041M25	4G2,5	6x21	133	278	14
03060G72051M25	5G2,5	6x35,9	189,3	396	14
03060G70061M25	6G2,5	6x37,4	205,3	430	14
03060G70071M25	7G2,5	6x48,2	229	475	14
03060G70121M25	12G2,5	6x59	385	550	14
03060G72041M40	4G4	7x23	222	360	12
03060G72041M60	4G6	9x29	313	580	10
03060G72041M61	4G10	11x37	522	900	8
03060G72041M62	4G16	14x46	784	1280	6
03060G72041M63	4G25	14,5x50	1163	1800	4
03060G72041M64	4G35	16x55	1549	2300	2

Other dimensions and colors available on request.