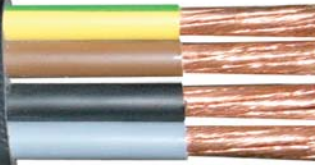


FLEXIFESTOON® PV-FLAT (H07VVH6-F)

HAR

ELETTROTEK KABEL® FLEXIFESTOON® PV-FLAT (H07VVH6-F)



Suitable for festoon application

Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	PVC type T12
Cores color:	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
Stranding:	cores laying parallel
Outer sheath:	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:

Nominal voltage:	U _o /U 450/750 V
Test voltage:	2,5 kV
Temperature range:	
<i>Fixed laying:</i>	-25°C up to +70°C
<i>Flexible application:</i>	-20°C up to +70°C
Max. temp on conductor:	
<i>In service:</i>	up to +70°C
<i>In short circuit:</i>	up to +150°C
Min. bending radius:	acc. to DIN VDE 0298 part 3
Radiation resistance:	up to 80x10 ⁶ cJ/kg (up to 80 Mrad)
Tensile strenght:	
<i>Static:</i>	15 n/mm ²
<i>Dynamic:</i>	30 n/mm ²
Max speed (main application):	120 m/min

Features:

UV, ozone and chemical resistant
on request 0,6/1 kV version
minimum waste of space
high flexibility
for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue
RoHS and CE approval



FESTOON CABLES

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Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 4%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.®)
03050E72041M15	4G1,5	5,2 - 15,6	58	160	16
03050E72051M15	5G1,5	5,2 - 18,5	72	180	16
03050E70071M15	7G1,5	5,2 - 27,2	101	290	16
03050E70081M15	8G1,5	5,2 - 28,1	115	305	16
03050E70091M15	9G1,5	5,2 - 32,1	130	320	16
03050E70101M15	10G1,5	5,2 - 34,2	144	370	16
03050E70121M15	12G1,5	5,2 - 40,4	173	430	16
03050E70161M15	16G1,5	5,2 - 53,4	230,4	575	16
03050E70181M15	18G1,5	5,2 - 61,5	259,2	685	16
03050E70064M15	6x(4G1,5)	11 - 54	345,6	810	16
03050E70241M15	24G1,5	5,2 - 77,6	346	810	16
03050E72041M25	4G2,5	5,7 - 18,5	96	210	14
03050E72051M25	5G2,5	5,7 - 22	120	250	14
03050E70071M25	7G2,5	5,6 - 30,4	168	365	14
03050E70081M25	8G2,5	5,7 - 33,2	192	400	14
03050E70091M25	9G2,5	5,8 - 39,1	216	440	14
03050E70101M25	10G2,5	5,8 - 42	240	485	14
03050E70121M25	12G2,5	5,7 - 48,6	288	590	14
03050E70181M25	18G2,5	5,6 - 72,9	432	910	14
03050E70064M25	6x(4G2,5)	13 - 56	576	1280	14
03050E70241M25	24G2,5	5,6 - 96,6	576	1280	14
03050E72041M40	4G4	6,8 - 20,6	154	290	12
03050E72051M40	5G4	6,8 - 24,6	192	380	12
03050E70071M40	7G4	6,8 - 32,9	269	540	12
03050E72041M60	4G6	7,2 - 22,8	230	380	10
03050E72051M60	5G6	7 - 25,6	288	460	10
03050E72071M60	7G6	7 - 37,4	403	665	10
03050E72041M61	4G10	9,2 - 29,1	384	645	8
03050E72051M61	5G10	9,2 - 37,6	480	850	8
03050E72041M62	4G16	10,3 - 33,1	614	890	6
03050E72051M62	5G16	10,2 - 48,6	768	1160	6
03050E72041M63	4G25	12,3 - 41,1	960	1385	4
03050E72041M64	4G35	13,4 - 45,3	1344	1800	2
03050E72041M65	4G50	17 - 56,2	1920	2685	1
03050E72041M66	4G70	18,7 - 64,5	2688	3710	2/0
03050E72041M67	4G95	21 - 77,4	3684	4805	3/0

Other dimensions and colors available on request.