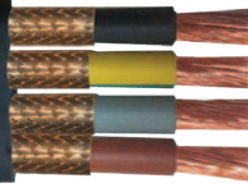


FLEXIFESTOON® HF-FLAT CY

Screened Halogen-free flat cables, 0,6/1 kV



ELETTROTEK KABEL® FLEXIFESTOON® HF-FLAT CY



Construction:

Conductor:	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
Insulation:	GAALTHERM® 532
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
Screen:	red copper braid
Stranding:	cores laying parallel
Outer sheath:	black (similar to RAL 9005), halogen-free type M1

Resistance:



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



Halogen-free acc. to:
DIN VDE 0482 part 267,
EN 50267-2-1,
IEC 60754-1



Corrosiveness of conflagration gases acc. to:
DIN VDE 0482 part 267
EN 50267-2-2
IEC 60754-2



Low smoke density acc. to:
DIN VDE 0482 part. 268-1-2
EN 50268-1-2
IEC 61034-1-2

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV
Test voltage:	3,5 kV
Temperature range:	
<i>Fixed laying:</i>	-40°C up to +80°C
<i>Flexible application:</i>	-30°C up to +70°C
Min. bending radius:	10 x D
Max speed (main application):	120 m/min
Tensile strenght:	
<i>Static:</i>	15 n/mm ²
<i>Dynamic:</i>	30 n/mm ²

Features:

Indoor/outdoor use
UV, ozone, and moisture resistant
for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue
RoHS and CE approval



Applications:

power and control flat cables are used on FESTOON CABLES and handling equipment. Special design is where halogen-free and low smoke (nuclear plants)

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
03230G72041M25	4G2,5	5,8x20	133	292	14
03230G72041M60	4G6	7,9x25,4	313	610	10
03230G72041M61	4G10	10x31,8	522	945	8
03230G72041M62	4G16	13,5x40	790	1310	6
03230G70121M15	12G1,5	6x49,3	267	580	16
03230G70121M25	12G2,5	5,8x60	421	775	14

Other dimensions and colors available on request.