

PV-FLAT H07VVH6-F/LIFT



Construction:

Conductor:	Bare copper, stranded to DIN VDE 0295 class 5, IEC acc. to IEC 60228
Insulation:	special PVC compound
Stranding:	parallel cores laying
Cores color:	core identification up to 5 cores to color code DIN VDE 0293 7 cores and above with number printing + green-yellow
Outer sheath:	balck, special PVC (RAL 9005)

Outstanding features:

- ▶ **High flexibility**
- ▶ **packeting possibility**

Technical data:

Temperature range	
Fixed installation:	- 40°C + 80°C
Flexible installation:	- 5°C + 70°C
Nominal voltage:	up to 1 mm ² Uo/U 300/500 V ≤ 1,5 mm ² Uo/U 450/750 V
Test voltage:	3000 V
Min bending radius:	10 x d
Radiation resistance:	up to 80 x 10 ⁶ cJ/kg (up to 80 mrad)
Oil resistance:	good
Chemical resistance:	see table on page R9 of our General Catalogue
Fire resistant:	acc. to DIN VDE 0472 part 804 and IEC 60332-1



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. *)
05000407	4G0,75	4,3 x 12,6	28,8	90	19
05000507	5G0,75	4,3 x 16,1	36,0	115	19
05000607	6G0,75	4,3 x 19,4	43,2	141	19
05000807	8G0,75	4,3 x 26,4	64,8	198	19
05000907	9G0,75	-	58,0	190	19
05001007	10G0,75	4,3 x 30,1	72,0	224	19
05001207	12G0,75	4,3 x 33,8	84,4	258	19
05001607	16G0,75	4,3 x 44,4	115,2	340	19
05001807	18G0,75	4,3 x 49,2	129,6	380	19
05002007	20G0,75	4,3 x 55,0	144,0	424	19
05002407	24G0,75	4,3 x 65,6	172,8	509	19
05000310	3G1	4,5 x 10,8	28,8	80	18
05000410	4G1	4,5 x 13,4	38,4	104	18
05000510	5G1	4,5 x 16,0	48,0	134	18
05000610	6G1	4,5 x 20,6	57,6	161	18
05000810	8G1	-	77,0	220	18
05000910	9G1	4,5 x 28,4	86,4	230	18
05001010	10G1	4,5 x 30,0	96,0	256	18
05001210	12G1	4,5 x 36,2	115,2	298	18
05001610	16G1	4,5 x 47,6	153,6	395	18
05001810	18G1	4,5 x 52,8	172,8	441	18
05002010	20G1	4,5 x 59,0	192,0	495	18
05002410	24G1	4,5 x 70,4	230,4	590	18

Other construction and sizes are available on request