



Datasheet



Colours may vary. Image for illustration purpose only.

Type: **HIGHFLEX Battery Cable**

Voltage Rating (V): 300/500

Test Voltage (kV): 2,5

Temperature Rating (°C): up to max +85°C

Minimum installation temperature (°C): - 5

Minimum operating temperature (°C): - 30 (without mechanical stress)

Minimum bending radius – flexing: 5x Ø

Minimum bending radius – fixed: 4x Ø

Description: Extra-flexible stranded wire insulated in PVC.

Conductor: Fine bare stranded Copper

Conductor: Class 6 according to standard IEC 228/HD 383 S2

Resistance at 20 °C (Ohm/Km): According to standard IEC 228/HD 383 S2

Resistance to flame propagation: According to the standard IEC 332-1

Sheath colour: Black or Red

Sec.	Conductor	Insulation	Nom. Insulation thickness	Nom. External diameter	Current rating (in air)	Weight
	Nr. wire x mm		mm	mm	A	Kg/Km
10	304 x max 0,20	Soft PVC	1,5	7,5	63	130
16	462 x max 0,20	Soft PVC	1,7	9,0	85	192
25	742 x max 0,20	Soft PVC	1,9	11,0	112	294
35	1.008 x max 0,20	Soft PVC	2,1	12,5	138	392
50	1.482 x max 0,20	Soft PVC	2,2	14,0	168	534
70	2.090 x max 0,20	Soft PVC	2,4	16,5	213	741
95	2.812 x max 0,20	Soft PVC	2,7	19,5	258	994
120	3.552 x max 0,20	Soft PVC	2,8	20,5	299	1.200
150	4.560 x max 0,20	Soft PVC	2,8	22,5	345	1.455
185	5.472 x max 0,20	Soft PVC	2,8	24,5	392	1.760
240	4.712 x max 0,25	Soft PVC	3,0	27,0	462	2.360

Standard References

BT 93/68 CEE
2014/35/EU
2011/65/CE (RoHS II)
2006/1907/CE (Reach)



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