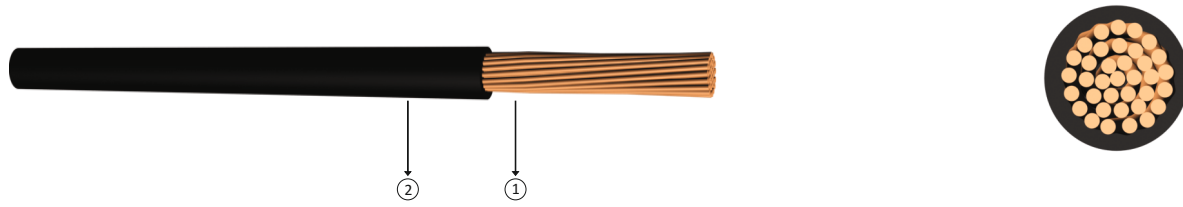


300/500V and 450/750V halogen free, flame retardant, single core cables with flexible copper conductor.



Code: H05Z1-K, H07Z1-K

K: Flexible conductor

Standards: HD 21 15 S1, EN 50525 - 3 - 31

Technical Data

Max. operating temperature : 70 °C
 Max. short circuit temperature : 160 °C (max. 5 sec.)
 Rated voltage : 300/500 V
 450/750 V

Application

Used in energy networks in refineries, mines, hotels, schools, tunnels, high constructions, hospitals, power plant, data processing centers, business centers where there is a risk of fire.

* : 300/500 V (H05Z1 - K)

Construction

- ① Flexible copper conductor ② HFFR insulation

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
* 0,5	2,2	9	100	39,0	-	-
* 0,75	2,4	12	100	26,0	-	16
* 1,0	2,6	15	100	19,5	12	20
1,5	3,0	22	100	13,3	15	24
2,5	3,6	34	100	7,98	20	32
4,0	4,2	50	100	4,95	25	42
6,0	4,8	70	100	3,30	33	54
10	6,7	120	100	1,91	45	73
16	8,0	179	100	1,21	61	98
25	9,7	277	1000	0,78	83	129
35	11,0	376	1000	0,554	103	158
50	13,5	535	1000	0,386	132	198
70	15,0	730	1000	0,272	165	245
95	17,5	900	1000	0,206	197	292
120	19,5	1230	1000	0,161	235	344
150	22,0	1500	1000	0,129	-	391
185	24,5	1900	1000	0,106	-	448
240	27,5	2450	1000	0,0801	-	528