

450/750 V

HALOJEN FREE AND FLAME RETARDANT SINGLE CORE FLEXIBLE CABLES WITH COPPER CONDUCTOR



H05Z1-K • H07Z1-K

Code	H05Z1-K, H07Z1-K (TSE)
Standarts	TS EN 50525-3-31
Construction	Flexible Copper Conductor, HFFR Insulation
Application	Used in energy networks in hotels, schools, high constructions, hospitals, power plants, data processing centers, business centers where there is a risk of fire.
Technical Datas	Max. operating temperature 70 °C Max. short circuit temperature 160 °C

Dimensions and Weights				Electrical Information		
Nominal cross-section	Overall Diameter	Net Weight	Standart delivery lenght	Conductor DC (maks.) resistance at 20 °C	Current carrying capacity in	
					Conduit (A)	Air (A)
mm ²	mm	kg/km	m	ohm/km		
*0,75	2,3	12	100	26,0	-	15
*1.0	2,5	15	100	19,5	11	19
1.5	2,9	20	100	13,3	14	24
2.5	3,6	32	100	7,98	19	32
4	4,3	48	100	4,95	26	42
6	4,9	68	100	3,30	34	54
10	6,3	120	100	1,91	46	73
16	8,0	180	100	1,21	61	98
25	9,6	275	100	0,780	80	129
35	11,0	370	1000	0,554	99	158
50	13,3	520	1000	0,386	119	198
70	15,5	728	1000	0,272	151	245
95	18,0	950	1000	0,206	182	292
120	20,0	1200	1000	0,161	210	344
150	22,0	1490	1000	0,129	-	391
185	25,0	1850	1000	0,106	-	448
240	28,0	2420	1000	0,0801	-	528

*H05Z1-K