

450/750 V

HALOJEN FREE AND FLAME RETARDANT SINGLE CORE CABLES WITH COPPER CONDUCTOR



H05Z1-U
H07Z1-U
H07Z1-R

Code	H07Z1-U, H07Z1-R (TSE)
Standarts	TS EN 50525-3-31
Construction	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 re	2,2	11	100	24,5	-	15
*1.0 re	2,3	14	100	18,1	11	19
1.5 re	2,8	20	100	12,1	14	24
2.5 re	3,4	31	100	7,41	19	32
4 re	3,8	45	100	4,61	26	42
6 re	4,3	64	100	3,08	34	54
10 rm	6,1	115	100	1,83	46	73
16 rm	6,8	170	100	1,15	61	98
25 rm	8,4	260	100	0,727	80	129
35 rm	9,5	355	1000	0,524	99	158
50 rm	11,0	480	1000	0,387	119	198
70 rm	13,0	670	1000	0,268	151	245
95 rm	14,7	920	1000	0,193	182	292
120 rm	16,2	1150	1000	0,153	210	344
150 rm	18,2	1400	1000	0,124	-	391
185 rm	20,2	1800	1000	0,0991	-	448
240 rm	22,5	2300	1000	0,0754	-	528
300 rm	26,0	2950	1000	0,0601	-	608
400 rm	29,0	3850	1000	0,0470	-	72

re: Single-wire conductor
rm: Stranded conductor