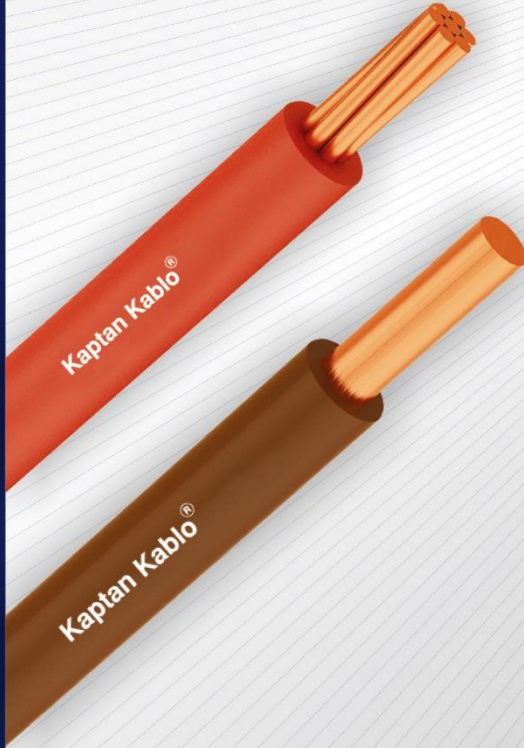


## Fire Resistant Cables

## Halogen Wiews

## H07Z1-U - H07Z1-R



### Code

H07Z1-U H07Z1-R

### Standards

TS EN 50525-3-31  
VDE 0282 , BS 7211

### Technical Data

Max Operating Temperature: 70 °C  
Short Circuit Temperature: 160 °C ( max. 5 sec. )  
Rated Voltage :450/750V

### Application

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

### Construction

- 1.Solid or Stranded Copper Conductor.
- 2.HFFR Insulation

Nomimal cross section mm <sup>2</sup>	Insulation Thickness mm	Overall diameter approx. mm	Net weight approx. kg/km	Standard delivery length m	Conductor DC resistance at 20 °c max. Ohm/km	Current carrying capacity 30 °C	
						Conduit A	Air A
H07Z1-U						450 / 750 V	
1,5	0,7	2,7	20,0	100	12,10	15	24
2,5	0,8	3,3	31,0	100	7,41	20	32
4,0	0,8	3,8	45,5	100	4,61	25	42
6,0	0,8	4,3	64,5	100	3,08	33	54
H07Z1-R						450 / 750 V	
1,5	0,7	2,7	20,0	100	12,10	15	24
2,5	0,8	3,3	31,0	100	7,41	20	32
4,0	0,8	3,8	45,5	100	4,61	25	42
6,0	0,8	4,3	64,5	100	3,08	33	54
10	1,0	6,0	113,0	100	1,83	45	73
16	1,0	7,0	170,0	100	1,15	61	98
25	1,2	8,2	255,0	100	0,727	83	129
35	1,2	9,3	345,0	100	0,524	103	158
50	1,4	11,0	475,0	1.000	0,387	120	198
70	1,4	12,5	675,0	1.000	0,268	152	245
95	1,6	14,9	925,0	1.000	0,193	184	292
120	1,6	16,3	1150,0	1.000	0,153	212	345