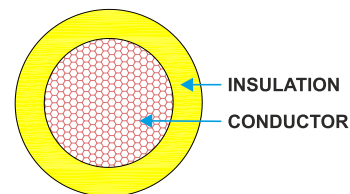


Halogen Free Flame Retardant

H05Z-K / H07Z-K



Application

Halogen-free single-core wires are used for installation in dry environments for wiring up lighting fixtures and units where valuable assets are to be protected from further damage resulting from fire.

These cables may be used in closed installation ducts. The direct operating voltages is permitted up to 900 V against ground when they are used in rail-coaches. For the inner wiring of switch boards and distributors these are to be used with an alternating nominal voltage up to 1000V or a direct voltage up to 750V against ground.

Properties

PVC self-extinguishing and flame retardant according to EN 60332-1-2.

Minimum bending radius :

Cable diameter ≤ 8 mm : 4 x outer diameter

Approx. diameter > 8 to 12 mm : 5 x outer diameter

Approx. diameter > 12 mm : 6 x outer diameter

Construction

- Conductor class 5 flexible plain/metal coated stranded according to EN 60228.
- Insulation polyolefin cross linked EI5 to EN 50363-5.

Technical Parameter

- Nominal voltage : H05Z-K, 300 / 500V, H07Z-K, 450 / 750V
- Test voltage : 2500V
- Temperature range : -15°C to +90°C
- Harmonised design. : 0.50mm² to 1.00mm² - H05Z-K, 1.5 mm² to 240 mm² - H07Z-K



H05Z-K

Part Code	Nom. Cross Sect. Area mm ²	Nom. Thickness of Insulation mm	Mean Overall Diameter		Approx. Cable Weight kg/km
			Lower Limit mm	Upper Limit mm	
0601B010005xx	0.5	0.6	2.1	2.5	9
0601B010007xx	0.75	0.6	2.2	2.7	12
0601B010010xx	1.0	0.6	2.4	2.8	15

H07Z-K

Part Code	Nom. Cross Sect. Area mm ²	Nom. Thickness of Insulation mm	Mean Overall Diameter		Approx. Cable Weight kg/km
			Lower Limit mm	Upper Limit mm	
0601B010015xx	1.5	0.7	2.8	3.4	21
0601B010025xx	2.5	0.8	3.4	4.1	33
0601B010040xx	4	0.8	3.9	4.8	47
0601B010060xx	6	0.8	4.4	5.3	66
0601B010100xx	10	1.0	5.7	6.8	112
0601B010160xx	16	1.0	6.7	8.1	170
0601B010250xx	25	1.2	8.4	10.2	261
0601B010350xx	35	1.2	9.7	11.7	358
0601B010500xx	50	1.4	11.5	13.9	510
0601B010700xx	70	1.4	13.2	16.0	927
0601B010950xx	95	1.6	15.1	18.2	510
0601B011200xx	120	1.6	16.7	20.2	1170
0601B011500xx	150	1.8	18.6	22.5	1459
0601B011850xx	185	2.0	20.6	24.9	1776
0601B012400xx	240	2.2	23.5	28.4	2333

Note-1: Kindly complete the part numbers for these cables by adding the suffix (in place of 'xx') for the colour required: 01 - Green, 02 - Black, 03 - Red, 04 - Blue, 05 - Yellow, 06 - Green/Yellow, 07 - White, 08 - Violet, 09 - Brown, 10 - Orange, 11 - Pink, 12 - grey.

Note-2: Tinned copper on request

0601 - Halogen Free Flame Retardant