

H05Z-K, 350/500V

H07Z-K, 450/750V

Single Core Conductor with rubber insulation, **Low Smoke Halogen Free (LSOH)**, VDE approved

Application

Used for installations in dry areas, for application in distributing boxes where enhanced resistance to fire is required. These cables are suitable for flush-mounted wiring as well as on surface.



Construction	
Conductor	Bare or tinned copper according to IEC 60228 cl.5
Insulation	Halogen free core insulation
Cores colour	Colour coded cores according to DIN VDE 0293
Features	Flame retardant according to IEC 60332-2-2 (H05Z-K)
	Flame retardant according to IEC 60332-1-2 (H07Z-K)
	Low corrosivity of the gases in case of fire
	Low smokes
Technical Data	
Nominal voltage	300/500V, 450/750V
Test voltage	2000V, 2500V
Insulation resistance	According to DIN VDE 0295 cl.5
Radiation resistance	Up to 20×10^6 cJ/kg (up to 20 Mrad)
Temperature range	-40°C to +90°C (max. permitted working temp. at the conductor +90°C)
Minimum bending radius	Approx. 8 x cable Ø

Specifications

No of cores x cross sec.	Approx. outer diameter	Approx. cable weight	Ordering Colours
mm ²	mm	Kg/km	
H05Z-K			Black, Green/yellow, Blue, Brown, Red, White, Grey, Violet, yellow
0.5	2.3	9.00	
0.75	2.5	12.40	
1.0	2.6	15.00	
H07Z-K			Black, Green/yellow, Blue, Brown, Red, White, Grey, Violet, yellow
1.5	3.5	24.00	
2.5	4.0	35.00	
4.0	4.8	51.00	
6.0	6.0	71.00	
10	6.7	118.00	
16	8.2	180.00	
25	10.2	278.00	
35	11.5	375.00	
50	13.6	560.00	
70	16.0	780.00	
95	18.4	952.00	
120	20.3	1200.00	
150	22.7	1505.00	
185	25.3	1845.00	
240	28.3	2400.00	