



Flexible Wiring Cable - H05Z-K & H07Z-K

Product Type:

Flexible Cable

Application:

Used for internal wiring of electrical equipment including switchboards, lighting fixtures and distribution boards where smoke and toxic gas emission could pose a hazard to life or equipment. The cable can also be installed on or beneath plaster and in conduit or cable trays

Standards:

Generally to EN50525-3-41 (was BS7211)
REACH and RoHS Compliant

Construction:

Conductor:	Plain annealed copper to EN60228 Class 5
Insulation:	LSOH Type EI5 to EN 50363

Electrical Characteristics:

Rated Voltage	H05Z-K: 300/500V H07Z-K: 450/750V
Rated Temperature	90 °C
Fire performance	IEC 60332-1-2
Bend radius	Fixed: 4 x cable OD Flexed: 8 x cable OD

Physical Characteristics for H05Z-K:

Conductor Size (mm ²)	Nom cable diameter /mm	Max. Conductor DC Resistance at 20°C (Ω/Km)
0.5	2.1	39.0
0.75	2.4	26.0
1.0	2.6	19.5

Physical Characteristics for H07Z-K:

Conductor Size (mm ²)	Nom cable diameter /mm	Max. Conductor DC Resistance at 20°C (Ω/Km)
1.5	3.0	13.30
2.5	3.6	7.98
4	4.1	4.95
6	4.8	3.30
10	6.0	1.91
16	7.2	1.21