

## Datasheet

### Single H05Z-K Core Equipment Wire

7637570  
7637573  
7637577  
7637583  
7637586  
7637589  
7637592  
7637595  
7637599  
7637602  
7637606  
7637609  
7637612  
7637615  
7637618  
7637621  
7637628  
7637630  
7637637  
7637640  
7637643  
7637646



**A harmonised, halogen free wire, suitable for use in equipment in areas where toxic fumes and smoke may threaten life or equipment.**

- **Conductor:** BS EN 60228 Class 5 flexible
- **Insulation:** Cross-linked low smoke and halogen free – Type EI5, Oxygen Index 30
- **Standards:** BS EN 50525-3-41, H05Z-K, Cenelec HD22.9
- **Approvals:** BASEC certified (except 0.5mm<sup>2</sup>)
- **Voltage Rating:** 2491B (H05Z-K) 0.5sqmm to 1.0sqmm - 300/500V
- **Temperature Range:** 0-90°C
- **Minimum Bend Radius:** 3 x overall diameter

## Single H05Z-K Core Equipment Wire



Area (mm <sup>2</sup> )	Construction	Insulation Thickness (mm)	Overall Diameter (mm)	Conductor Resistance @ 20°C (Ω/km Max)	Insulation Resistance @ 90°C (Ω/km Max)	Nominal Weight (kg/km)
0.5	16/0.2mm <sup>2</sup>	0.6	2.18	39	0.0130	9
0.75	24/0.2mm <sup>2</sup>	0.6	2.34	26	0.0110	13
1	32/0.2mm <sup>2</sup>	0.6	2.52	19.50	0.0100	16
1.5	30/0.25mm <sup>2</sup>	0.7	3	13.30	0.0100	21
2.5	50/0.25mm <sup>2</sup>	0.8	3.25	7.98	0.0090	33
4	56/0.3mm <sup>2</sup>	0.8	4.12	4.95	0.0070	47
6	84/0.3mm <sup>2</sup>	0.8	4.9	3.30	0.0060	66
10	80/0.4mm <sup>2</sup>	1.0	6.05	1.91	0.0056	111