

# H05Z-U / H07Z-U

(Exceeds THW) Low Smoke Zero Halogen Building Wire

XLPO 90°C • Halogen free flame retardant, Low combustibility, Low fume level

## CONSTRUCTION :

- : Class 1 Solid plain annealed copper
- : LSZH cross-linked insulation compound Type EI5

## TECHNICAL DATA :

- : Halogen free single core building cable to EN 50525-3-41
- : Temperature range -25°C to +90°C
- : Flame retardant
- : Low combustibility
- : Low fume level

### Voltage Rating (Uo/U)

H05Z-U - 0.5mm<sup>2</sup> to 1mm<sup>2</sup> : 300/500V

H07Z-U - 1.5mm<sup>2</sup> to 6mm<sup>2</sup> : 450/750V

## APPLICATION RANGE :

- Ideal for use where smoke and toxic emissions would pose a major hazard in the event of a fire in domestic and commercial environments
- Can be installed in fixed installations in dry or damp premises clipped to surface, on trays or in free air where mechanical damage would not be an issue
- Suitable for laying in conduit where mechanical protection is required



### H05Z-U CABLE PARAMETER

Cross-sec. area (mm <sup>2</sup> )	Nominal thickness of insulation	Outer Ø approx. mm.	Weight approx. kg/km
0.5	0.6	2.1	8.8
0.75	0.6	2.3	12
1	0.6	2.5	14

### H07Z-U CABLE PARAMETER

Cross-sec. area (mm <sup>2</sup> )	Nominal thickness of insulation (mm)	Outer Ø approx. mm.	Weight approx. kg/km
1.5	0.7	3.1	20
2.5	0.8	3.8	32
4	0.8	4.4	45
6	0.8	4.9	65

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