



Becatech

Interconnective Power



**Halogen free wire
(H05Z-K)**

Cable Structure :

Conductor: flexible bare copper (class 5).

Insulation: polyolefin EI5.

Available colors: black, green/yellow, grey, light blue, brown, dark blue, red, orange, green.

Technical Specification :

Rated conductor temperature: 90°C.

Rated temperature: -5°C to 90°C.

Rated bending radius: 4 x ϕ .

Fire behaviour:

- Flame retardant according to IEC 60332-1-2.
- Smoke density according to IEC 61034.
- Halogen free according to IEC 60754.

Application :

For installation in pipes and ducts on and under plaster, in closed installation ducts and for the internal wiring of electrical appliances, switching and distribution tools.

Primarily in buildings with a high concentration of people and material assets as well as in buses and rail born vehicles.

Core x mm ²	Conductor diameter	Insulation Wall Thickness mm	Overall Diameter mm	Cu Weight	Weight / 1000 (kg)
1x0.5	1.1	0.6	1.9	4.8	9
1x0.75	1.3	0.6	2.2	7.2	13
1x1	1.5	0.6	2.5	9.6	15

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