

HIGH TEMPERATURE WIRES AND CABLES
FOR THE GENERAL MARKET
SECTION I: CROSS LINKED ELASTOMERS

SILICONE INSULATED AND/OR SHEATHED
WIRES AND CABLES

SILICABLE® H05SS-K

Double insulating layer
USE <HAR> Approval
-60 °C to +180 °C

<HAR>

Approvals - standards

- USE <HAR> Approval as per standard NF EN 50525-2-41.
- Halogen-free: IEC 60754-1 / EN 60754-1.

Applications

- Cabling for class 2 household electrical heating appliances (convectors, etc.).
 - Class 2 lighting equipment.
 - Cabling for all other household electrical appliances meeting standard NF EN 60335-1.
- Cabling for rotating machines (class H).
 - Industrial cabling in hot atmospheres.

Characteristics

General

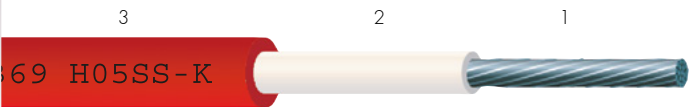
- Continuous operating temperatures: -60 °C to +180 °C.
- Good resistance to thermal shock and UV.

Electrical

- Rated voltage: 300/500 V.
- Test voltage: 2000 V (as per NF EN 50525-2-41).

Standard products

- Standard insulation colour: white.
- Standard outer sheath colours: all colours including two-coloured.



- 1 • Flexible bare copper, tin-plated, nickel-plated or silverplated core - class 5 as per IEC 60228 / EN 60228.
- 2 • Insulation: Silicone rubber - type EI2 - NF C 32-525-1 / NF EN 50525-1 / EN 50363-1.
- 3 • Outer sheath: Silicone rubber - type EM9 - NF C 32-525-1 / NF EN 50525-1 / EN 50363-2-1.

H05SS-K

Flexible core • class 5 as per IEC 60228			INSULATED WIRE				
Nominal cross-section (mm ²)	Nominal stranding	Maximum linear resistance at 20 °C (Ω/km) (bare copper core)	Nominal thickness (mm)		Nominal diameter (mm)		Approximate linear weight (kg/km)
			insulation	sheath	min.	max.	
0.75	24 x 0.20	26.0	0.6	0.8	3.7	4.7	24.9
1	32 x 0.20	19.5	0.6	0.9	4.1	5.1	30.7
1.5	30 x 0.25	13.3	0.8	1.0	4.9	6.1	45.3
2.5	50 x 0.25	7.98	0.9	1.1	5.7	7.1	66.8

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LES CABLES DE L'EXTREME

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