



Construction:

- Conductor : flexible copper wires, plain or tinned.
- Insulation : silicone rubber compound, EI2.
- Lay-up : cores laid up in layers of optimum pitch.
- Outer sheath : silicone rubber compound, EM9.
- Sheath colour : oxbrown-red.

Technical data and tests:

- Rated voltage U_0/U : 300 / 500 V.
- Test voltage (AC 50 Hz) : 2000 V.
- Insulation resistance : min. 20 M Ω /km.
- Temperature at conductor : + 180° C.
- Short circuit temperature : + 200° C.
- Temperature range : fixed : - 60° C ~ + 180° C;
mobile : - 25° C ~ + 180° C.
- Min. bending radius : fixed : 4 x D;
mobile : 7,5 x D.

Standards:

- Cable : VDE 0250, DIN VDE 0282-15 and HD 22.15 S1 (designed according to).
- Conductor construction : IEC 60228 Sinif 5, TS/DIN EN 60228 Sinif 5.
- Core identification : HD 308 S2 & VDE 0293-308.
- Flame retardance test : IEC 60332-1 & EN 50265-2-1;
IEC 60332-3 & EN 50266-2-4.
- Insulation integrity : IEC 60331, VDE 0472-814.

Applications:

These silicone insulated cables are used as mobile connection cables for equipment where high temperatures can arise as well as for ambient air temperature between -60° C and +180° C. It has a longer service life and it presents the same flame resistance as normal silicone cables. Furthermore, these cables are used in all areas where installation conditions are very difficult and have high mechanical loads e.g in ship building, power plants, cooking plants, glass and ceramic works, foundries, for high power lighting fixtures etc. These cables have more resistance against tearing and tensile strength with their special formulated silicone compound. If you desire even more resistance, SIMH-GLS is the perfect fit for your needs.





HALLEY CABLES

H05SS-F EWKF

Silicone Cable

High temperature operating, multi core, flexible connection cable

www.halleycables.com

DIMENSIONS

No. of cores x cross section mm ²	Approx. outer diameter mm	Copper weight kg/km	Approx. cable weight kg/km
2x0.75	6,4	14	55
3x0.75	7,0	22	70
4x0.75	7,6	29	85
5x0.75	8,4	36	105
2x1.0	6,8	19	70
3x1.0	7,2	29	80
4x1.0	7,9	38	100
5x1.0	8,8	48	125
2x1.5	8,4	29	95
3x1.5	8,9	43	110
4x1.5	9,9	58	145
5x1.5	10,8	72	170
2x2.5	9,8	48	130
3x2.5	10,4	72	155
4x2.5	11,6	96	205
5x2.5	12,8	120	250
3x4	12,3	115	245
4x4	13,7	154	300
3x6	13,8	173	340
4x6	15,3	230	415

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