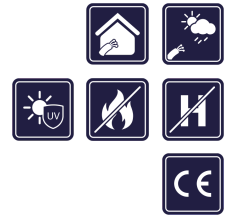




USE OF CABLE

heat and coldness resistant power, control and connecting cable in electrical facilities, for lossless data and signal transmission, for fixed laying and flexible applications without tensile stress and without defined cable routing. Suitable for use in dry, humid and wet rooms and outdoor use, no laying underground.



SPECIAL FEATURES

- largely resistant to acids, bases and specified types of oil
- no flame conduction in case of fire, insulation integrity and low smoke density
- silicone is resistant to ozone, oxygen and sea water and weather-proofed
- triple protection for high mechanical requirements and magnetic shield (glass silk taping with additional oxidation-proofed steel wire braid)
- above +100 °C and with exclusion of air, the mechanical properties of silicone cables will be reduced early, adequate ventilation should be ensured

REMARKS

- conform to RoHS
- conform to 2014/35/EU-Guideline ("Low-Voltage Directive") CE
- We are pleased to produce special versions, other dimensions, core and jacket colours on request.

PRODUCT INFORMATION

Conductor material:	Copper strand tinned
Conductor class:	Acc. to IEC 60228 cl. 5
Core insulation:	Silicone
Core identification:	Up to 5 cores acc. to DIN VDE 0293-308 coloured cores; from 6 cores black cores with white numerals with or without GNYE
Stranding:	Stranded in layers
Inner sheath material:	Silicone
Shield3:	Glass-silk-braid - steel wire braid zincd; coverage approx. 85%, over glass-silk braid
Rated voltage:	Uo/U 300/500 V;
Testing voltage:	2 kV
Conductor resistance:	At +20 °C acc. to IEC 60228 cl. 5
Insulation resistance:	Min. 2,0 GΩ x km
Current-carrying-capacity:	Acc. to DIN VDE, see Technical Guidelines
Min. bending radius fixed:	5 x d
Min. bending radius moved:	10 x d
Operat. temp. fixed min/max:	-60 °C / +180 °C; short-time: +200 °C (when using adequate conductor materials)
Temp. at conductor:	+180 °C
Halogen free:	Halogen-free acc. to IEC 60754-1
Corrodibility:	Acc. to IEC 60754-2
Burning behavior:	Self-extinguishing and flame-retardant acc. to IEC 60332-1-2

ITEM OVERVIEW

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2500227	2 X 0,75	7,6	14,40	85,00	redbrown	V0: SIHF-J/GLP
2500233	3 G 0,75	8,0	21,60	98,00	redbrown	V0: SIHF-J/GLP
2500239	4 G 0,75	8,8	28,80	120,00	redbrown	V0: SIHF-J/GLP
2500248	5 G 0,75	9,7	36,00	147,00	redbrown	V0: SIHF-J/GLP
2500254	6 G 0,75	10,4	43,20	169,00	redbrown	V0: SIHF-J/GLP
2500260	7 G 0,75	10,4	50,40	175,00	redbrown	V0: SIHF-J/GLP
2500228	2 X 1	7,8	19,20	93,00	redbrown	V0: SIHF-J/GLP
2500234	3 G 1	8,2	28,80	108,00	redbrown	V0: SIHF-J/GLP
2500240	4 G 1	9,1	38,40	134,00	redbrown	V0: SIHF-J/GLP
2500249	5 G 1	10,0	48,00	164,00	redbrown	V0: SIHF-J/GLP

Product No.	Dimension [n x mm²]	Outer-Ø [mm]	Cu-Index [kg/km]	Weight [kg/1.000]	sheath colour	Variant
2500255	6 G 1	10,7	57,60	202,00	redbrown	V0: SIHF-J/GLP
2500261	7 G 1	10,7	67,20	209,00	redbrown	V0: SIHF-J/GLP
2500612	24 G 1	19,0	230,40	630,00	redbrown	V0: SIHF-J/GLP
2500229	2 X 1,5	8,8	28,80	121,00	redbrown	V0: SIHF-J/GLP
2500235	3 G 1,5	9,2	43,20	142,00	redbrown	V0: SIHF-J/GLP
2500241	4 G 1,5	10,0	57,60	171,00	redbrown	V0: SIHF-J/GLP
2500250	5 G 1,5	10,8	72,00	216,00	redbrown	V0: SIHF-J/GLP
2500256	6 G 1,5	11,8	86,40	250,00	redbrown	V0: SIHF-J/GLP
2500262	7 G 1,5	11,8	101,00	262,00	redbrown	V0: SIHF-J/GLP
2500220	12 G 1,5	12,5	173,00	310,00	redbrown	V0: SIHF-J/GLP
2500224	18 G 1,5	18,7	259,20	492,00	redbrown	V0: SIHF-J/GLP
2500226	24 G 1,5	21,5	346,00	656,00	redbrown	V0: SIHF-J/GLP
2500230	2 X 2,5	10,0	48,00	165,00	redbrown	V0: SIHF-J/GLP
2500236	3 G 2,5	10,9	72,00	221,00	redbrown	V0: SIHF-J/GLP
2500244	4 G 2,5	12,0	96,00	266,00	redbrown	V0: SIHF-J/GLP
2500251	5 G 2,5	13,0	120,00	318,00	redbrown	V0: SIHF-J/GLP
2500263	7 G 2,5	14,0	168,00	372,00	redbrown	V0: SIHF-J/GLP
2500237	3 G 4	12,9	115,00	307,00	redbrown	V0: SIHF-J/GLP
2500246	4 G 4	14,0	154,00	374,00	redbrown	V0: SIHF-J/GLP
2500252	5 G 4	15,4	192,00	458,00	redbrown	V0: SIHF-J/GLP
2500238	3 G 6	14,6	173,00	412,00	redbrown	V0: SIHF-J/GLP
2500247	4 G 6	16,1	230,00	515,00	redbrown	V0: SIHF-J/GLP
2500253	5 G 6	18,0	288,00	641,00	redbrown	V0: SIHF-J/GLP
2500242	4 G 10	20,8	384,00	831,00	redbrown	V0: SIHF-J/GLP
2500243	4 G 16	22,8	614,00	1155,00	redbrown	V0: SIHF-J/GLP
2500712	4 G 25	30,4	960,00	1930,00	redbrown	V0: SIHF-J/GLP