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Fibre Glass Cables GLHGL

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Structure

Conductor:

Nickel-plated copper strand or pure nickel insulation:

- 1 separating film,
- Glass silk covering,
- Glas silk braid with impregnation

Marking:

optionally with colored identification thread

Stranding:

in layers with glas silk braid

Outer insulation:

glas silk braid with impregnation

Application

For wiring at high ambient temperatures and increased mechanical stress, e.g.

- Extrusion and drying systems
- Electric heaters
- Steel and metallurgical engineering
- Glass and ceramic production

Technical data

Temperature range: -50 °C to + 350 °C, temporary 500 °C

Nominal voltage: 300 / 300 volts

Test voltage: core/core 1.5 kV

Dimensions

Item number	Cross section [mm ²]	Strand structure	Max. strand Ø [mm]	Core Ø [mm]	Outer Ø [mm] *	Cu number [kg/km]	Weight approx [kg/km]
SKGLHGL20022	2 x 0,22	7 x 0,20	0,66	1,1	2,5	4,4	13
SKGLHGL30022	3 x 0,22	7 x 0,20	0,66	1,1	2,7	6,6	15
SKGLHGL40022	4 x 0,22	7 x 0,20	0,66	1,1	2,9	8,8	17
SKGLHGL20034	2 x 0,34	7 x 0,254	0,82	1,2	3	6,9	19
SKGLHGL30034	3 x 0,34	7 x 0,254	0,82	1,2	3,3	11	15
SKGLHGL40034	4 x 0,34	7 x 0,254	0,82	1,2	3,5	13,8	33
SKGLHGL20050	2 x 0,5	16 x 0,203	1	1,5	3,5	9,7	26
SKGLHGL30050	3 x 0,5	16 x 0,203	1	1,5	3,7	15	36
SKGLHGL40050	4 x 0,5	16 x 0,203	1	1,5	4	20	45
SKGLHGL20075	2 x 0,75	24 x 0,203	1,25	2,3	5,1	15	44
SKGLHGL30075	3 x 0,75	24 x 0,203	1,25	2,3	5,6	23	56
SKGLHGL40075	4 x 0,75	24 x 0,203	1,25	2,3	6,1	30	83
SKGLHGL20100	2 x 1	32 x 0,203	1,4	2,5	5,6	20	63
SKGLHGL30100	3 x 1	32 x 0,203	1,4	2,5	6	30	88
SKGLHGL40100	4 x 1	32 x 0,203	1,4	2,5	6,5	40	113
SKGLHGL20150	2 x 1,5	30 x 0,254	1,7	2,8	6,4	30	74
SKGLHGL30150	3 x 1,5	30 x 0,254	1,7	2,8	6,8	45	103
SKGLHGL40150	4 x 1,5	30 x 0,254	1,7	2,8	7,4	60	133
SKGLHGL20250	2 x 2,5**	50 x 0,254	2,15	4,3	8,3	48	142
SKGLHGL30250	3 x 2,5**	50 x 0,254	2,15	4,3	10,2	74	172
SKGLHGL40250	4 x 2,5**	50 x 0,254	2,15	4,3	11,3	99	225
SKGLHGL20400	2 x 4**	56 x 0,3	2,7	5	11,1	77	184
SKGLHGL30400	3 x 4**	56 x 0,3	2,7	5	11,9	115	225
SKGLHGL40400	4 x 4**	56 x 0,3	2,7	5	13,2	154	310

Note

We can also supply 2-core versions as flat cables on request The cables listed are also available on request with high-temperature-resistant glass silk for applications up to 530 °C