



This cable can be used for wiring at high ambient temperatures and increased mechanical stress, e.g.

- Glass and ceramic production
- Industrial ovens
- Electric heaters

The cables are also available without reinforcement on request.

Multi-core mica/ceramic fiber control cable GLIGAHGLIGA(P) with steel wire armouring

Structure of cable

Conductor:

Nickel-plated copper strand, pure nickel or special alloy

Insulation:

- Mica tape
- Braided impregnated ceramic fibre

Marking:

Optionally with coloured identification thread

Stranding:

In layers with running strand

Outer Sheath (Jacket):

Braided impregnated ceramic fibre

Armouring:

Braided galvanised steel wire or stainless steel

Temperature range:

-50°C to + 1250 °C

Nominal voltage:

380 V

Test voltage:

Conductor/conductor: 2 kV

Dimensions

Master number	Cross section [mm ²]	Strand structure	max. strand mm	Core Ø [mm]	Outer Ø [mm]*	Cu number [kg/km]	Weight approx [kg/km]
SKGLIGAH20100	2 x 1	32 x 0,203	1,4	3,4	8,2	20	77
SKGLIGAH30100	3 x 1	32 x 0,203	1,4	3,4	8,7	30	100
SKGLIGAH40100	4 x 1	32 x 0,203	1,4	3,4	9,7	40	125
SKGLIGAH50100	5 x 1	32 x 0,203	1,4	3,4	10,6	50	157
SKGLIGAH20150	2 x 1,5	30 x 0,254	1,7	3,7	8,8	29	92
SKGLIGAH30150	3 x 1,5	30 x 0,254	1,7	3,7	9,4	44	120
SKGLIGAH40150	4 x 1,5	30 x 0,254	1,7	3,7	10,4	58	151
SKGLIGAH50150	5 x 1,5	30 x 0,254	1,7	3,7	11,3	73	190
SKGLIGAH50250	2 x 2,5	50 x 0,254	2,15	4,0	9,5	49	124
SKGLIGAH30250	3 x 2,5	50 x 0,254	2,15	4,0	10,1	74	158
SKGLIGAH40250	4 x 2,5	50 x 0,254	2,15	4,0	11,1	99	200
SKGLIGAH50250	5 x 2,5	50 x 0,254	2,15	4,0	12,3	124	245
SKGLIGAH20400	2 x 4	56 x 0,3	2,7	4,8	11,1	77	172
SKGLIGAH30400	3 x 4	56 x 0,3	2,7	4,8	11,9	116	238
SKGLIGAH40400	4 x 4	56 x 0,3	2,7	4,8	13,1	154	306
SKGLIGAH50400	5 x 4	56 x 0,3	2,7	4,8	14,5	193	404
SKGLIGAH20600	2 x 6	84 x 0,3	3,3	5,4	12,3	118	234
SKGLIGAH30600	3 x 6	84 x 0,3	3,3	5,4	13,2	176	324
SKGLIGAH40600	4 x 6	84 x 0,3	3,3	5,4	14,5	235	417
SKGLIGAH50600	5 x 6	84 x 0,3	3,3	5,4	16,1	295	529

* On request, diameter tolerance according to purpose

Master number:

Main number

Conductor:

N = nickelplated

R = pure nickelplated

Example:

SKGLIGAH20100N

SKGLIGAH20100 = main number

N = nickel plated copper