

Heat resistant cable 2GTL



conductor material:	tinned copper
conductor construction:	fine stranded, class 5
insulation:	silicone rubber
covering:	synthetic yarn, varnished of PUR base
flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Kat. C)
smoke density:	DIN EN 61034/IEC 61034
halogen free:	DIN EN 50267/IEC 60754
UV-resistant:	yes
ozone resistant:	yes
maximum temperature at conductor:	180 °C
max. operating temperature, fixed:	-50 - +180 °C
bending radius, fixed installation:	6 x DA

	<i>2GTL 1,1/1,9 kV</i>	<i>2GTL 3,3/4,2 kV</i>	<i>2GTL 13,8/15,0 kV</i>
nominal voltage U₀:	1,1 kV	3,3 kV	13,8 kV
nominal voltage U:	1,9 kV	4,2 kV	15 kV
test voltage:	4 kV	10 kV	31 kV

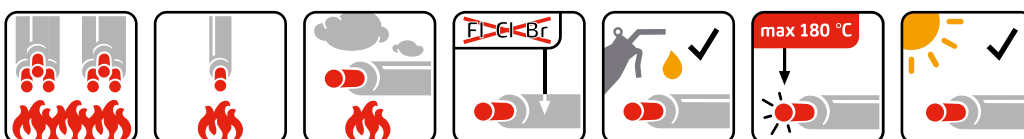
Construction:

- conductor
- separating tape
- insulation
- enamel varnished yarn braiding

Application: Flexible connecting cable for increased ambient temperatures, for example transformers, generators and motors. For installation indoors and in cable ducts for power stations, industry and distribution networks etc. The halogen-free sheath/protection is resistant against transformer oil and fuel oil.

Additional information: The nominal voltage is identified by the color:

- 1,1 kV - yellow
- 3,3 kV - reddish-brown
- 6,6 kV - grey
- 13,8 kV - black



The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

Table: Technical characteristics 2GTL 1,1/1,9 kV

p/n	part name	I _{bl} [A]	D _A [mm]	Cu [kg/km]	G [kg/km]
036142	2GTL 01X70 1,1/1,9 GE	561	16,6	672	752
036433	2GTL 01X95 1,1/1,9 kV GE	654	19	912	1009
036143	2GTL 01X150 1,1/1,9 GE	951	22,5	1440	1557
036498	2GTL 01X185 1,1/1,9 kV GE	1065	24,8	1776	1903
036144	2GTL 01X240 1,1/1,9 GE	1243	28	2304	2453

Table: Technical characteristics 2GTL 3,3/4,2 kV

p/n	part name	I _{bl} [A]	D _A [mm]	Cu [kg/km]	G [kg/km]
036465	2GTL 01X16 3,3/4,2 kV BR	183	11,3	153,6	236
036434	2GTL 01X185 3,3/4,2 kV BR	1001	25,2	1776	1921

Table: Technical characteristics 2GTL 13,8/15,0 kV

p/n	part name	I _{bl} [A]	D _A [mm]	Cu [kg/km]	G [kg/km]
036264	2GTL 01X10 13,8/15 kV SW	114	14,9	96	277
036326	2GTL 01X16 13,8/15 kV SW	153	15,8	154	346
036435	2GTL 01X25 13,8/15 kV SW	219	17,2	240	454
036331	2GTL 01X35 13,8/15 kV SW	258	18,3	336	565
036298	2GTL 01X50 13,8/15 kV SW	365	20	480	729
036436	2GTL 01X70 13,8/15 kV SW	425	22,1	672	957
036437	2GTL 01X95 13,8/15 kV SW	513	24,1	912	1219
036578	2GTL 01X120 13,8/15 kV SW		14,8	1152	1470
036579	2GTL 01X150 13,8/15 kV SW		26,6	1440	1769
036323	2GTL 01X185 13,8/15 kV SW	845	29,3	1776	2123
036460	2GTL 01X240 13,8/15 kV SW	1012	31,9	2304	2665

I_{bl} ampacity (in air) (30°C)D_A outer diameter

Cu copper weight (ger)

G weight