

## GGT Cca

Telephone and signalisation cable, 150 V  
+70 °C service temperature, zero halogen, fire retardant  
EN 50575

### Application

Zero halogen installation cable with improved fire characteristics for telecommunications and information processing systems. Zero halogen cables are suitable for installation in environments where smoke and toxic fumes may threaten life or valuable equipment. For fixed installation indoors.

### Construction



1. Conductor: Copper conductor, bare, solid (class 1)
2. Insulation: Halogen free compound  
Core identification: Colours
3. Drain wire: Tinned copper
4. Separator: Polyester tape
5. Outer sheath: Halogen free compound, green

### Technical information

Rated voltage	$U_{max}$	150 V
Max. permissible temperature at conductor		70 °C
Min. operating temperature	fixed installation	-20 °C
Installation temperature		0 °C to 50 °C
Min. bending radius mm	fixed installation	12 x outer diameter in mm
<b>Safety parameters</b>		
Reaction to fire		EN 50399 C <sub>ca</sub> – s1, d2, a1
Flame spread	single cable	IEC 60332-1-2
	bunched cables	IEC 60332-3-24
Zero halogen		IEC 60754-1 /-2
Smoke density		IEC 61034-1/ -2

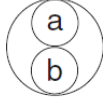
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N° of cores and cross section mm	Outer diameter approx. mm	Copper index approx. kg/km	Weight approx. kg/km
1 x 2 x 0,6	4,0	6	20
1 x 3 x 0,6	4,5	9	25
1 x 4 x 0,6	5,0	13	30
3 x 2 x 0,6	6,0	21	45
4 x 2 x 0,6	6,5	27	55
6 x 2 x 0,6	8,0	38	80
8 x 2 x 0,6	9,0	50	105
10 x 2 x 0,6	10,0	62	115
14 x 2 x 0,6	11,0	85	155
20 x 2 x 0,6	12,5	120	210
26 x 2 x 0,6	14,0	155	260
30 x 2 x 0,6	15,0	178	305
40 x 2 x 0,6	17,0	236	390
50 x 2 x 0,6	19,0	295	475
60 x 2 x 0,6	20,5	353	570
80 x 2 x 0,6	23,5	470	740
100 x 2 x 0,6	26,5	586	940


### Core identification

a \ b	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
1	1	6	11	16	21	26	31	36	41	46	51	56	61	66	71	76	81	86	91	96																																																																																
2	2	7	12	17	22	27	32	37	42	47	52	57	62	67	72	77	82	87	92	97																																																																																
3	3	8	13	18	23	28	33	38	43	48	53	58	63	68	73	78	83	88	93	98																																																																																
4	4	9	14	19	24	29	34	39	44	49	54	59	64	69	74	79	84	89	94	99																																																																																
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100																																																																																



1 x 3 x 0,6

□    □    □



1 x 4 x 0,6

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La version française de cette fiche technique est disponible sur demande.  
De technische gegevens zijn op aanvraag in het Nederlands beschikbaar.