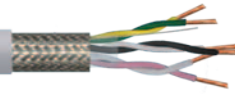


GAALFLEX® DATA LIHCH (B) TP

paired halogen-free data cable with drain wire, overall copper screen



ELETTROTEK KABEL® GAALFLEX® DATA LIHCH B TP



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 5, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	HALOGEN-FREE COMPOUND
COLOUR CORES:	ACC. TO DIN 47100
STRANDING:	CORES TWISTED TO PAIRS, PAIRS STRANDED IN LAYERS
WRAPPING:	PETP FOIL
SCREEN:	TINNED COPPER BRAID
OUTER SHEATH:	GREY (RAL 7001), HALOGEN-FREE COMPOUND

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0482 PART 265-2-1
EN 50265-2-1
IEC 60332-1-2



OIL RESISTANCE ACC. TO:
DIN VDE 0473 PART 811-2-1
IEC EN 60811-2-1



HALOGEN-FREE ACC. TO:
DIN VDE 0482, PART 267
EN 50267-2-1
IEC 60754-1



LOW SMOKE DENSITY ACC. TO:
DIN VDE 0482 PART. 268-1-2
IEC 61034-1-2

Technical data:

NOMINAL VOLTAGE:	< 0,34 mm ² = 250 V Max.350 V ≥ 0,34 mm ² = 300/500 V
TEST VOLTAGE:	< 0,34 mm ² = Max. 800 V ≥ 0,34 mm ² = Max. 1,2 kV
TEMPERATURE RANGE	
FIXED LAYING:	- 40°C UP TO + 70°C
FLEXIBLE INSTALLATION:	- 15°C UP TO + 70°C
MIN. BENDING RADIUS	
FIXED LAYING:	5 x D
FLEXIBLE INSTALLATION:	10 x D
RADIATION RESISTANCE:	8 x 10 ⁷ cJ/kg

Features:

- ON REQUEST TINNED COPPER CONDUCTOR
- ON REQUEST GREY (RAL 7032)
- GOOD EMC CHARACTERISTICS
- FLEXIBLE
- SMALL OUTER DIAMETER
- SMALL BENDING RADIUS
- HALOGEN-FREE
- ROHS AND CE APPROVAL

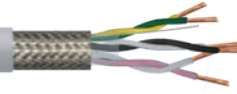


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Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
35060C54022M01	2 x 2 x 0,14	5,2	19,1	34	26
35060C54032M01	3 x 2 x 0,14	5,7	23,4	41	26
35060C54042M01	4 x 2 x 0,14	6,5	27,8	53	26
35060C54052M01	5 x 2 x 0,14	7	31,9	60	26
35060C54062M01	6 x 2 x 0,14	7,2	36,2	68	26
35060C54082M01	8 x 2 x 0,14	7,8	43,4	80	26
35060C54102M01	10 x 2 x 0,14	8,9	50,6	100	26
35060C54122M01	12 x 2 x 0,14	9,7	58,2	111	26
35060C54162M01	16 x 2 x 0,14	10,5	71,4	136	26
35060C54182M01	18 x 2 x 0,14	11,1	92,8	159	26
35060C54202M01	20 x 2 x 0,14	11,1	98,1	164	26
35060C54242M01	24 x 2 x 0,14	12,8	114,8	203	26
35060C54252M01	25 x 2 x 0,14	12,8	117,5	207	26
35060C54282M01	28 x 2 x 0,14	13,1	125,7	221	26
35060C54302M01	30 x 2 x 0,14	13,8	135,6	237	26
35060C54362M01	36 x 2 x 0,14	14,6	157,8	275	26
35060C54402M01	40 x 2 x 0,14	14,9	168,2	296	26
35060C54442M01	44 x 2 x 0,14	16,3	205,9	348	26
35060C54522M01	52 x 2 x 0,14	17	228,1	388	26
35060C54612M01	61 x 2 x 0,14	18,3	263,2	443	26
35060C54022M02	2 x 2 x 0,25	5,7	24,9	42	24
35060C54032M02	3 x 2 x 0,25	6,4	31,4	55	24
35060C54042M02	4 x 2 x 0,25	7,8	44,9	81	24
35060C54062M02	6 x 2 x 0,25	7,9	50,7	85	24
35060C54082M02	8 x 2 x 0,25	9	62,1	109	24
35060C54102M02	10 x 2 x 0,25	9,8	73,9	132	24
35060C54122M02	12 x 2 x 0,25	10,9	101,9	160	24
35060C54162M02	16 x 2 x 0,25	11,9	126,8	195	24
35060C54182M02	18 x 2 x 0,25	12,7	136,6	222	24
35060C54242M02	24 x 2 x 0,25	14,2	170,3	270	24
35060C54022M02	2 x 2 x 0,25	5,7	24,9	42	24
35060C54032M02	3 x 2 x 0,25	6,4	31,4	55	24
35060C54042M02	4 x 2 x 0,25	7,8	44,9	81	24
35060C54062M02	6 x 2 x 0,25	7,9	50,7	85	24
35060C54082M02	8 x 2 x 0,25	9	62,1	109	24
35060C54102M02	10 x 2 x 0,25	9,8	73,9	132	24
35060C54122M02	12 x 2 x 0,25	10,9	101,9	160	24
35060C54162M02	16 x 2 x 0,25	11,9	126,8	195	24
35060C54182M02	18 x 2 x 0,25	12,7	136,6	222	24
35060C54242M02	24 x 2 x 0,25	14,2	170,3	270	24
35060D54022M05	2 x 2 x 0,5	7,2	39,3	66	20
35060D54032M05	3 x 2 x 0,5	7,9	50,1	84	20
35060D54042M05	4 x 2 x 0,5	9,6	82	126	20
35060D54062M05	6 x 2 x 0,5	10,4	86	146	20
35060D54082M05	8 x 2 x 0,5	10,9	111,5	166	20
35060D54102M05	10 x 2 x 0,5	13,2	146,5	229	20
35060D54122M05	12 x 2 x 0,5	14,4	175,7	268	20
35060D54162M05	16 x 2 x 0,5	16,3	241,3	368	20
35060D54182M05	18 x 2 x 0,5	16,9	261	399	20
35060D54202M05	20 x 2 x 0,5	16,9	280,2	418	20
35060D54242M05	24 x 2 x 0,5	19	330,4	491	20
35060D54022M07	2 x 2 x 0,75	8,5	52,4	92	19
35060D54032M07	3 x 2 x 0,75	9,4	69,4	112	19
35060D54042M07	4 x 2 x 0,75	10,9	108,0	179	19
35060D54062M07	6 x 2 x 0,75	12,5	136,5	218	19
35060D54082M07	8 x 2 x 0,75	14,9	180	305	19
35060D54122M05	12 x 2 x 0,75	17,1	261,2	385	19
35060D54162M05	16 x 2 x 0,75	18,6	329,9	482	19
35060D54182M05	18 x 2 x 0,75	19,3	369,3	535	19
35060D54202M05	24 x 2 x 0,75	21,8	469,2	661	19
35060D54022M10	2 x 2 x 1	10,5	84	142	18
35060D54032M10	3 x 2 x 1	10,6	96	173	18
35060D54042M10	4 x 2 x 1	11,5	121	212	18
35060D54052M10	5 x 2 x 1	12,0	161	266	18

Other dimension and colours available on request.