

GAALFLEX® CHAIN TD 87 C TP

Continuously flexible paired PVC data cable with colored cores and overall copper screen
DIN VDE max. 350 V (UL) 300 V



ELETTROTEK KABEL® GAALFLEX® CHAIN TD 87 C TP



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	PVC TYPE TII, ACC. TO CEI 20-11 AND VDE 0207 AND UL 758 80°C
COLOUR CORES:	ACC. TO DIN 47100
STRANDING:	CORES TWISTED IN PAIRS, PAIRS TWISTED IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
OUTER SHEATH:	GREY (RAL 7032), PVC TYPE TM2, ACC. TO CEI 20-11 AND VDE 0207 AND UL 758 80°C

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
IEC 60332-3-24 - CEI 20-22 II
NBN C30-004, CAT. F2
UL VW-1, CSA FT1



OIL RESISTANCE ACC. TO:
DIN EN 50290-2-22
DIN VDE 0819-102, TM54

Technical data:

NOMINAL VOLTAGE:	IEC: 300/500 V UL: 300 V
TEST VOLTAGE:	1,5 kV
TEMPERATURE RANGE:	DIN VDE: -40°C UP TO +80°C UL/CSA: UP TO +80°C
FIXED LAYING:	-40°C UP TO +80°C
FLEXIBLE INSTALLATION:	0°C UP TO +70°C
RADIATION RESISTANCE:	8 x 10 ⁷ cJ/kg
MIN. BENDING RADIUS:	
FIXED INSTALLATION:	4 x D
CHAIN APPLICATION:	8 x D
MAX ACCELERATION:	20 m/s ²
MAX SPEED (MAIN APPLICATION):	180 mt/min
UNSUPPORTED:	3 m/s
GLIDING:	2 m/s

Features:

AWM AWM STYLE 2464 80°C 300V CSA-AWM I A/B II A/B

GOOD FLEXIBILITY

SMALL OUTER DIAMETER

SMALL BENDING RADIUS

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 2 OF CATALOGUE

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. *)
36120C64012A20	1 x 2 x 0,50	5,5	23	49	20
36120C64022A20	2 x 2 x 0,50	7,7	43	86	20
36120C64032A20	3 x 2 x 0,50	8,6	56	104	20
36120C64042A20	4 x 2 x 0,50	9,6	69	132	20
36120C64052A20	5 x 2 x 0,50	10,1	79	144	20
36120C64062A20	6 x 2 x 0,50	11,2	93	173	20
36120C64012A19	1 x 2 x 0,75	5,9	31	59	19
36120C64022A19	2 x 2 x 0,75	8,3	52	101	19
36120C64032A19	3 x 2 x 0,75	9,4	74	127	19
36120C64042A19	4 x 2 x 0,75	10,4	88	160	19
36120C64052A19	5 x 2 x 0,75	11,3	107	187	19
36120C64062A19	6 x 2 x 0,75	12,2	127	216	19
36120C64012A18	1 x 2 x 1	6,2	36	65	19
36120C64022A18	2 x 2 x 1	8,9	65	117	19
36120C64032A18	3 x 2 x 1	9,9	88	141	19
36120C64042A18	4 x 2 x 1	11,3	112	191	19
36120C64052A18	5 x 2 x 1	11,9	136	214	19
36120C64062A18	6 x 2 x 1	13,4	169	265	19
36120C64012A16	1 x 2 x 1,5	6,8	49	81	19
36120C64022A16	2 x 2 x 1,5	9,9	88	147	19
36120C64032A16	3 x 2 x 1,5	11,2	122	187	19
36120C64042A16	4 x 2 x 1,5	12,5	156	245	19
36120C64052A16	5 x 2 x 1,5	13,7	198	293	19
36120C64062A16	6 x 2 x 1,5	14,9	236	342	19

Other dimension and colours available on request.