

FLEXIDRUM® T 210 C

High speed continuously flexible PUR halogen-free control cable with overall copper screen, DIN VDE 0,6/1 kV, UL/CSA 600/1000 V



ELETTROTEK KABEL* FLEXIDRUM® T 210 C
UL Style 21223 80°C 600/1000 V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE



Construction:

CONDUCTOR:	FLEXIBLE RED COPPER CONDUCTOR CL. 6, ACC. TO IEC 60228, DIN VDE 0295
INSULATION:	SPECIAL TPE COMPOUND
COLOUR CORES:	BLACK CORES WITH CONSECUTIVE NUMBERS ACC. TO EN 50334, GREEN-YELLOW FROM 3 CORES
STRANDING:	IN LAYERS
WRAPPING:	NON-WOVEN TAPE OVER EACH LAYER
SCREEN:	TINNED COPPER BRAID
WRAPPING:	NON-WOVEN TAPE
OUTER SHEATH:	GRAY (SIMILAR TO RAL 7000), PUR TYPE TMPU ACC. TO DIN VDE 0282 PART.10 + HD 22.1

Resistance:



SELF-EXTINGUISHING AND FLAME RETARDANT ACC. TO:
DIN VDE 0482 PART 265-2-1
EN 50265-2-1
IEC 60332-1-2
UL VW-1, CSA FT1, (ACC. TO DIMENSION) FT2



OIL RESISTANCE:
VERY GOOD TMPU ACC. TO DIN VDE 0282 PART 10
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 (EQUIVALENT DIN VDE 0472 PART 815)

Technical data:

NOMINAL VOLTAGE:	DIN VDE: U ₀ /U 0,6/1 kV UL/CSA: 600/1000 V
TEST VOLTAGE:	3 kV ACC. TO DIN VDE 0281 PART 2 + HD 21.2 CORE/SCREEN 2 kV
TEMPERATURE RANGE:	DIN VDE: -50°C UP TO +90°C UL/CSA: UP TO +80°C
FIXED LAYING:	-50°C UP TO +90°C
FLEXIBLE INSTALLATION:	-40°C UP TO +90°C
RADIATION RESISTANCE:	5 x 10 ⁷ cJ/kg
MIN. BENDING RADIUS:	
CONTINUOUSLY FLEXIBLE:	7,5 x D
MAX SPEED (MAIN APPLICATION):	250 mt/min

Features:

- FLEXIBLE AT LOW TEMPERATURES
- HIGH ABRASION RESISTANCE
- MAT SURFACE OUTER SHEATH
- GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC
- GOOD EMC RESISTANCE
- UL** AWM STYLE 21223 80°C 600 1000 V
CSA AWM I/II A/B 80°C 600V FT1 FT2 CE
- 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. *)
04120G41020A20	2 x 0,5	6,1	19	47	20
04120G40031A20	3 g 0,5	6,3	43,6	58	20
04120G40041A20	4 g 0,5	6,7	51,1	67	20
04120G40051A20	5 g 0,5	7,1	61,5	77	20
04120G40071A20	7 g 0,5	8,2	74,1	101	20
04120G40121A20	12 g 0,5	9,6	108,2	151	20
04120G40181A20	18 g 0,5	11,1	143	203	20
04120G40251A20	25 g 0,5	12,9	217	299	20
04120G40301A20	30 g 0,5	14,3	235	330	20
04120G40311A20	36 g 0,5	14,6	275,3	379	20
04120G41020A19	2 x 0,75	6,4	27,3	53	19
04120G40031A19	3 g 0,75	6,9	54,1	70	19
04120G40041A19	4 g 0,75	7,3	64	82	19
04120G40051A19	5 g 0,75	7,9	74,3	98	19
04120G40071A19	7 g 0,75	9,2	92,3	123	19
04120G40121A19	12 g 0,75	11	142,4	192	19
04120G40181A19	18 g 0,75	12,6	215,3	294	19
04120G40251A19	25 g 0,75	15,2	289,7	386	19
04120G40301A19	30 g 0,75	16,5	320	440	19
04120G40311A19	36 g 0,75	16,7	387,7	520	19
04120G40031A18	3 g 1	7,1	66,4	82	18
04120G40041A18	4 g 1	8,1	77,3	97	18
04120G40051A18	5 g 1	8,6	89	114	18
04120G40071A18	7 g 1	10	117,9	159	18
04120G40121A18	12 g 1	12	174,9	239	18
04120G40181A18	18 g 1	13,8	270,2	353	18
04120G40251A18	25 g 1	16,5	367,5	481	18
04120G40301A18	30 g 1	18	410	550	18
04120G40311A18	36 g 1	18,3	478,7	633	18
04120G41020A16	2 x 1,5	7,4	45	75	16
04120G40031A16	3 g 1,5	8,1	81,5	104	16
04120G40041A16	4 g 1,5	8,8	101,2	125	16
04120G40051A16	5 g 1,5	9,3	122,2	145	16
04120G40071A16	7 g 1,5	11,1	156,8	206	16
04120G40121A16	12 g 1,5	13,4	269,7	341	16
04120G40181A16	18 g 1,5	15,5	369,2	465	16
04120G40251A16	25 g 1,5	17,5	493,4	633	16
04120G40301A16	30 g 1,5	20,5	525	750	16
04120G40311A16	36 g 1,5	20,7	660,3	856	16
04120G41020A14	2 x 2,5	8,8	65,5	110	14
04120G40031A14	3 g 2,5	8,7	122,8	159	14
04120G40041A14	4 g 2,5	11	150,1	197	14
04120G40051A14	5 g 2,5	11,5	179,6	236	14
04120G40071A14	7 g 2,5	14	265,2	335	14
04120G40121A14	12 g 2,5	16,3	417,1	525	14
04120G40181A14	18 g 2,5	19,7	571,4	739	14
04120G40251A14	25 g 2,5	23,7	780,8	1004	14
04120G40031A12	3 g 4	11,2	172,9	224	12
04120G40041A12	4 g 4	12,1	216,5	287	12
04120G40051A12	5 g 4	13,2	289,2	357	12
04120G40031A10	3 g 6	13,1	258,8	334	10
04120G40041A10	4 g 6	14,7	328,3	414	10
04120G40051A10	5 g 6	16	398,4	485	10
04120G40031A08	3 g 10	16,5	392,9	502	8
04120G40041A08	4 g 10	18,3	507,4	624	8
04120G40051A08	5 g 10	20,5	615,5	731	8
04120G40031A06	3 g 16	19,1	598,4	724	6
04120G40041A06	4 g 16	21,1	758,2	915	6
04120G40051A06	5 g 16	23,3	947,1	1101	6
04120G40041A04	4 g 25	25,9	1148	1312	4
04120G40051A04	5 g 25	28,5	1400,1	1610	4
04120G40041A02	4 g 35	29,7	1546,4	1765	2
04120G40051A02	5 g 35	32,5	1915,1	2119	2

Other dimension and colours available on request.