

TRACK CABLES

FLEXIDRUM® TD 210 C TP

High speed continuously flexible PUR halogen-free, screened, twisted pairs data cable,
DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210 C TP
cURus AWM Style 20233 80°C 300 V FT1 CE



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	special TPE compound
Colour cores:	acc. to DIN 47100
Stranding:	cores twisted in pairs, pairs twisted in layers
Wrapping:	netting tape over each layer
Screen:	tinned copper braid
Wrapping:	non woven tape
Outer sheath:	grey (RAL 7032), PUR type TMPU, acc. to DIN VDE 0282 part 10 + HD 21.1

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



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

Technical data:

Nominal voltage:	DIN VDE: U ₀ /U 300/500 V UL/CSA: 300 V
Test voltage:	1,5 kV acc. to DIN VDE 0472 part 509 core/screen 1,2 kV
Temperature range	DIN VDE: -50°C up to +90°C UL/CSA: up to +80°C
<i>Fixed laying:</i>	-50°C up to +90°C
<i>Flexible installation:</i>	-40°C up to +90°C
Radiation resistance:	5 x 10 ⁷ cJ/kg
Min. bending radius	
<i>Continuously flexible:</i>	7,5 x d
Max speed (main application):	250 m/min

Features:

flexible at low temperatures
high abrasion resistance
mat surface outer sheath
good against acids, alkalines, solvents, hydraulic liquids etc
good EMC resistance
cURus AWM Style 20233 80°C 300 V FT1 CE
for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 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. *)
36370C64022A26	2 x 2 x 0,14	5,3	17,4	28	26
36370C64032A26	3 x 2 x 0,14	5,9	20,2	32	26
36370C64042A26	4 x 2 x 0,14	6,3	24,7	39	26
36370C64052A26	5 x 2 x 0,14	6,7	28,8	46	26
36370C64072A26	7 x 2 x 0,14	7,8	35,9	59	26
36370C64102A26	10 x 2 x 0,14	9	47,5	72	24
36370C64142A26	14 x 2 x 0,14	9,8	62,7	96	26
36370C64182A26	18 x 2 x 0,14	10,4	89,6	129	26
36370C64252A26	25 x 2 x 0,14	11,7	114,3	170	26
36370C64022A24	2 x 2 x 0,25	5,7	21,8	35	24
36370C64032A24	3 x 2 x 0,25	6,3	28,3	44	24
36370C64042A24	4 x 2 x 0,25	7	36,1	52	24
36370C64052A24	5 x 2 x 0,25	7,5	41,1	71	24
36370C64062A24	6 x 2 x 0,25	8,3	47,3	89	24
36370C64072A24	7 x 2 x 0,25	8,5	54,1	92	24
36370C64102A24	10 x 2 x 0,25	10	70,8	101	24
36370C64142A24	14 x 2 x 0,25	10,8	108,7	153	24
36370C64182A24	18 x 2 x 0,25	11,4	133,4	189	24
36370C64252A24	25 x 2 x 0,25	12,9	171,9	262	24
36370C64022A22	2 x 2 x 0,34	6,1	20,3	40	22
36370C64032A22	3 x 2 x 0,34	7	34,9	52	22
36370C64042A22	4 x 2 x 0,34	7,5	43,2	63	22
36370C64052A22	5 x 2 x 0,34	8,1	53,1	73	22
36370C64072A22	7 x 2 x 0,34	9,3	66,4	94	22
36370C64102A22	10 x 2 x 0,34	10,8	90,5	121	22
36370C64142A22	14 x 2 x 0,34	11,8	138,3	181	22
36370C64182A22	18 x 2 x 0,34	12,4	169,2	223	22
36370C64252A22	25 x 2 x 0,34	14,2	247,3	313	22
36370C64022A20	2 x 2 x 0,5	6,3	34,6	52	20
36370C64032A20	3 x 2 x 0,5	7,5	47,3	69	20
36370C64042A20	4 x 2 x 0,5	8,5	61,4	87	20
36370C64052A20	5 x 2 x 0,5	9,5	73,1	115	20
36370C64062A20	6 x 2 x 0,5	10,7	85,3	147	20
36370C64072A20	7 x 2 x 0,5	11	108,4	161	20
36370C64082A20	8 x 2 x 0,5	12	121,5	175	20
36370C64102A20	10 x 2 x 0,5	13	143,3	192	20
36370C64142A20	14 x 2 x 0,5	15	191,7	276	20
36370C64182A20	18 x 2 x 0,5	16,5	257,8	345	20
36370C64252A20	25 x 2 x 0,5	19,5	336,5	446	20
36370C64022A19	2 x 2 x 0,75	9	47,4	69	19
36370C64032A19	3 x 2 x 0,75	9,5	66,2	87	19
36370C64042A19	4 x 2 x 0,75	10,5	101	112	19
36370C64052A19	5 x 2 x 0,75	11,5	118,8	163	19
36370C64072A19	7 x 2 x 0,75	12,5	148	212	19
36370C64082A19	8 x 2 x 0,75	14	188	258	19
36370C64102A19	10 x 2 x 0,75	15,5	228	296	19
36370C64122A19	12 x 2 x 0,75	16	266	358	19
36370C64142A19	14 x 2 x 0,75	17,5	296,9	390	19
36370C64182A19	18 x 2 x 0,75	19,5	366,1	482	19
36370C64252A19	25 x 2 x 0,75	22,5	480,5	620	19
36370C64032A18	3 x 2 x 1	10	88	128	18
36370C64042A18	4 x 2 x 1	10,7	101,4	153	18
36370C64052A18	5 x 2 x 1	11,7	119,4	190	18
36370C64062A18	6 x 2 x 1	12,8	140	250	18
36370C64082A18	8 x 2 x 1	15,6	191	370	18
36370C64062A16	6 x 2 x 1,5	14,8	226	319	16

Other dimension and colours available on request.