

TRACK CABLES

FLEXIDRUM® TD 200 C

Continuously flexible TPE/PUR data cable with colored cores and overall copper screen, max. 350 V



ELETTROTEK KABEL® FLEXIDRUM® TD 200 C



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:	in layers
Wrapping:	non woven 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:



Oil resistance:

very good TMPU acc.to DIN VDE 0282 part 10 + HD 22.10, 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: max. 350 V
Test voltage:	1,5 kV acc. to DIN VDE 0472 part 509 core/screen 1,2 kV
Temperature range	
<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:

- labs uncritical (labs=enamel moisturing interfering substances)
- good EMC characteristics
- flexible at low temperatures
- continuously flexible
- high abrasion resistance
- weather resistance
- small outer diameter
- mat surface outer sheath
- travel > 10 m is possible
- good against acids,alkalines,solvents,hydraulic liquids etc.
- 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. *)
36330C64020M01	2 x 0,14	3,7	13	18	26
36330C64030M01	3 x 0,14	3,8	14,3	20	26
36330C64040M01	4 x 0,14	4,1	15,7	24	26
36330C64050M01	5 x 0,14	4,3	17,1	27	26
36330C64070M01	7 x 0,14	4,9	23,4	35	26
36330C64120M01	12 x 0,14	5,9	32,1	54	26
36330C64180M01	18 x 0,14	6,7	43,8	70	26
36330C64250M01	25 x 0,14	7,8	57,3	90	26
36330C64320M01	32 x 0,14	8,5	81,2	104	26
36330C64020M02	2 x 0,25	4	15,1	23	24
36330C64030M02	3 x 0,25	4,2	17,6	26	24
36330C64040M02	4 x 0,25	4,4	23,4	29	24
36330C64050M02	5 x 0,25	4,7	25,9	35	24
36330C64070M02	7 x 0,25	5,4	32,7	46	24
36330C64120M02	12 x 0,25	6,6	48,3	71	24
36330C64180M02	18 x 0,25	7,5	64,7	95	24
36330C64250M02	25 x 0,25	9	86,3	127	24
36330C64320M02	32 x 0,25	9,5	105,9	156	24
36330C64020M03	2 x 0,34	4,2	16,9	26	22
36330C64030M03	3 x 0,34	4,4	23,6	29	22
36330C64040M03	4 x 0,34	4,7	27	35	22
36330C64050M03	5 x 0,34	5	29,7	41	22
36330C64070M03	7 x 0,34	5,7	38,9	53	22
36330C64120M03	12 x 0,34	6,9	58,8	82	22
36330C64180M03	18 x 0,34	8	82,5	115	22
36330C64250M03	25 x 0,34	9,6	110,7	155	22
36330C64320M03	32 x 0,34	10,2	155	185	22
36330C64020M05	2 x 0,5	4,8	23,5	34	20
36330C64030M05	3 x 0,5	5	28,4	39	20
36330C64040M05	4 x 0,5	5,4	35,1	47	20
36330C64050M05	5 x 0,5	5,8	40,1	55	20
36330C64070M05	7 x 0,5	6,9	53,5	81	20
36330C64120M05	12 x 0,5	8	81,4	105	20
36330C64180M05	18 x 0,5	9,7	115,6	167	20
36330C64250M05	25 x 0,5	11,8	176,2	222	20
36330C64020M07	2 x 0,75	5,4	30,3	44	20
36330C64030M07	3 x 0,75	5,7	37,6	52	20
36330C64040M07	4 x 0,75	6,3	46,5	69	20
36330C64050M07	5 x 0,75	6,8	54,9	81	20
36330C64070M07	7 x 0,75	7,9	74,1	106	20
36330C64120M07	12 x 0,75	9,7	115,6	163	20
36330C64180M07	18 x 0,75	11,6	181,5	227	20
36330C64250M07	25 x 0,75	14,1	248,5	316	20

Other dimension and colours available on request.