

TRACK CABLES

FLEXIDRUM® TD 200

Extremely flexible TPE/PUR data cable with colored cores, max. 350V



ELETTROTEK KABEL® FLEXIDRUM® TD 200



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
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
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>	5 x d
Max speed (main application):	250 m/min

Features:

lacks uncritical (lacks= enamel moistening interfering substances)

flexible at low temperatures

continuously flexible

high abrasion resistance

weather resistance

min.bending radius

small outer diameter

with 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. *)
36320C64020M01	2 x 0,14	3,2	2,7	11	26
36320C64030M01	3 x 0,14	3,3	4,0	13	26
36320C64040M01	4 x 0,14	3,6	5,4	15	26
36320C64050M01	5 x 0,14	3,8	6,7	18	26
36320C64070M01	7 x 0,14	4,4	9,4	24	26
36320C64100M01	10 x 0,14	5,1	13,4	30	26
36320C64120M01	12 x 0,14	5,2	16,1	34	26
36320C64140M01	14 x 0,14	5,5	18,8	38	26
36320C64180M01	18 x 0,14	6	24,2	48	26
36320C64250M01	25 x 0,14	7,1	33,6	63	26
36320C64320M01	32 x 0,14	7,6	43	78	26
36320C64020M02	2 x 0,25	3,5	4,8	15	24
36320C64030M02	3 x 0,25	3,7	7,2	18	24
36320C64040M02	4 x 0,25	3,9	9,6	21	24
36320C64050M02	5 x 0,25	4,2	12	25	24
36320C64070M02	7 x 0,25	4,9	16,8	34	24
36320C64100M02	10 x 0,25	5,7	24	43	24
36320C64120M02	12 x 0,25	5,8	28,8	49	24
36320C64140M02	14 x 0,25	6,1	33,6	56	24
36320C64180M02	18 x 0,25	6,8	43,2	71	24
36320C64250M02	25 x 0,25	8,1	60,0	94	24
36320C64320M02	32 x 0,25	8,8	76,8	120	24
36320C64020M03	2 x 0,34	3,7	6,5	17	22
36320C64030M03	3 x 0,34	3,9	9,8	21	22
36320C64040M03	4 x 0,34	4,2	13,1	25	22
36320C64050M03	5 x 0,34	4,5	16,3	30	22
36320C64070M03	7 x 0,34	5,2	22,8	41	22
36320C64100M03	10 x 0,34	6,1	32,6	52	22
36320C64120M03	12 x 0,34	6,3	39,2	60	22
36320C64140M03	14 x 0,34	6,6	45,7	69	22
36320C64180M03	18 x 0,34	7,3	58,8	87	22
36320C64250M03	25 x 0,34	8,9	81,6	119	22
36320C64320M03	32 x 0,34	9,5	104,4	149	22

Other dimension and colours available on request.