

# TRACK CABLES

## FLEXIDRUM® TD 210 C

High speed continuously flexible PUR halogen-free with colored cores and overall copper screen, DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210 C



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	special TPE compound
<b>Colour cores:</b>	acc. to DIN 47100
<b>Stranding:</b>	in layers
<b>Wrapping:</b>	netting tape over each layer and overall non-woven tape
<b>Screen:</b>	tinned copper braid
<b>Wrapping:</b>	non woven tape
<b>Outer sheath:</b>	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, (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

### Technical data:

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

### Features:

flexible at low temperatures  
high abrasion resistance  
mat surface outer sheath  
good against acids,alkalines,solvents,hydraulic liquids etc  
for SPEEDS and MINIMUM BENDING RADIUS  
see pages from 2 to 8 of catalogue

AWM Style 21198 80°C 300V  
CSA AWM I/II A/B 80°C 300V FT1 FT2 CE



Part no.	No.of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.)*
36360C64030A26	3 x 0,14	3,8	13	22	26
36360C64040A26	4 x 0, 14	4,1	16,2	27	26
36360C64050A26	5 x 0, 14	4,3	17,7	32	26
36360C64070A26	7 x 0, 14	4,9	22,7	45	26
36360C64100A26	10 x 0, 14	5,6	41	50	24
36360C64140A26	14 x 0,14	6,3	45	58	26
36360C64180A26	18 x 0,14	6,7	53,2	82	26
36360C64250A26	25 x 0,14	7,8	71,2	105	26
36360C64030A24	3 x 0,25	4,8	18,1	28	24
36360C64040A24	4 x 0, 25	5,1	20,7	33	24
36360C64050A24	5 x 0, 25	5,5	25,1	43	24
36360C64070A24	7 x 0, 25	6,2	32,5	55	24
36360C64100A24	10 x 0, 25	6,8	52	65	24
36360C64140A24	14 x 0,25	7,5	62	75	24
36360C64180A24	18 x 0,25	8,5	75,6	108	24
36360C64250A24	25 x 0,25	10	100,8	135	24
36360C64030A22	3 x 0,34	5,1	20,4	35	22
36360C64040A22	4 x 0,34	4,5	26,2	44	22
36360C64050A22	5 x 0,34	5,8	29,7	54	22
36360C64070A22	7 x 0,34	6,6	53	65	22
36360C64100A22	10 x 0,34	7,2	65	85	22
36360C64140A22	14 x 0,34	8	75	100	22
36360C64180A22	18 x 0,34	9	96,6	128	22
36360C64250A22	25 x 0,34	10,8	131,5	170	22

Other dimension and colours available on request.