

# FLEXIDRUM® TD 210

High speed continuously flexible PUR halogen-free data cable with colored cores,  
DIN VDE 300/500 UL/CSA 300 V



ELETTROTEK KABEL® FLEXIDRUM® TD 210



## 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>	NON WOVEN TAPE OVER EACH LAYER
<b>OUTER SHEATH:</b>	GREY (RAL7032), 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> <b>UL/CSA:</b>
FIXED LAYING:	- 50°C UP TO + 90°C    UP TO + 80°C
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C
<b>RADIATION RESISTANCE:</b>	5 x 10 <sup>7</sup> cJ/kg
<b>MIN. BENDING RADIUS:</b>	
CONTINUOUSLY FLEXIBLE:	5 x D
<b>MAX SPEED (MAIN APPLICATION):</b>	250 mt/min

## Features:

FLEXIBLE AT LOW TEMPERATURES  
HIGH ABRASION RESISTANCE  
MAT SURFACE OUTER SHEATH  
GOOD AGAINST ACIDS, ALKALINES, SOLVENTS, HYDRAULIC LIQUIDS ETC  
AWM STYLE 21198 80°C 300V  
CSA AWM I/II A/B 80°C 300V FT1 FT2 CE  
ROHS AND CE APPROVAL



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. *)
36350C64030A26	3 x 0,14	3,8	4	15	26
36350C64040A26	4 x 0,14	4	5,4	18	26
36350C64050A26	5 x 0,14	4,4	6,7	21	26
36350C64070A26	7 x 0,14	5	9,4	27	26
36350C64100A26	10 x 0,14	5,5	13,4	33	24
36350C64140A26	14 x 0,14	5,9	18,8	40	26
36350C64180A26	18 x 0,14	6,8	24,2	52	26
36350C64250A26	25 x 0,14	8	33,6	66	26
36350C64030A24	3 x 0,25	4,4	7,2	21	24
36350C64040A24	4 x 0,25	4,7	9,6	24	24
36350C64050A24	5 x 0,25	5	12	28	24
36350C64070A24	7 x 0,25	5,7	16,8	37	24
36350C64100A24	10 x 0,25	6	24	48	24
36350C64140A24	14 x 0,25	6,5	33,6	60	24
36350C64180A24	18 x 0,25	8	43,2	73	24
36350C64250A24	25 x 0,25	9,4	60	99	24
36350C64030A22	3 x 0,34	4,6	9,8	25	22
36350C64040A22	4 x 0,34	4,7	13	28	22
36350C64050A22	5 x 0,34	5,3	16,3	33	22
36350C64070A22	7 x 0,34	6,1	22,8	44	22
36350C64100A22	10 x 0,34	6,8	32,6	55	22
36350C64140A22	14 x 0,34	7,3	45,7	73	22
36350C64180A22	18 x 0,34	8,5	58,8	91	22
36350C64250A22	25 x 0,34	10,2	81,6	124	22