

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:

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 (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:

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: UL/CSA:
FIXED LAYING:	- 50°C UP TO + 90°C UP TO + 80°C
FLEXIBLE INSTALLATION:	- 40°C UP TO + 90°C
RADIATION RESISTANCE:	5 x 10 ⁷ cJ/kg
MIN. BENDING RADIUS:	
CONTINUOUSLY FLEXIBLE:	5 x D
MAX SPEED (MAIN APPLICATION):	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
FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 2 OF CATALOGUE
ROHS AND CE APPROVAL



Part no.	No. of cores x cross section n x mm²	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