FLEXIDRUM® TD 210 C TP

High speed continuously flexible PUR halogen-free, screened, twisted pairs data cable,
DIN VDE 300/500 UL/CSA 300 V



SUITABLE FOR CHAIN APPLICATION

SUITABLE FOR FESTOON APPLICATION

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:	CORES TWISTED IN PAIRS, PAIRS TWISTED IN LAYERS
WRAPPING:	NETTING 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:

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:** Uo/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:	5×10^7 cJ/kg	
MIN. BENDING RADIUS:		
CONTINUOUSLY FLEXIBLE:	7,5 x D	
MAX SPEED (MAIN APPLICATION):	250 mt/min	

Features:

LOW CAPACITANCE

FLEXIBLE AT LOW TEMPERATURES

HIGH ABRASION RESISTANCE

MAT SURFACE OUTER SHEATH

GOOD AGAINST ACIDS, ALKALINES,SOLVENTS,HYDRAULIC LIQUIDS ETC

GOOD EMC RESISTANCE

AWM STYLE 21198 80°C 300 V
CSA AWM I/II A/B 80°C 300V FT1 FT2 CE
or c AWM us AWM STYLE 20233 80°C 300 V FT2 CE

FOR SPEEDS AND MINIMUM BENDING RADIUS
SEE PAGES FROM 1 TO 2 OF CATALOGUE

ROHS AND CE APPROVAL

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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.*)
36370C64022A26	2 x 2 x 0,14	5,3	17,4	28	26
36370C64032A26	3 x 2 x 0,14	5,9	20,2	32	26
36370C64042A26	4 x 2 x 0, 14	6,3	24,7	39	26
36370C64052A26	5 x 2 x 0, 14	6,7	28,8	46	26
36370C64072A26	7 x 2 x 0,14	7,8	35,9	59	26
36370C64102A26	10 x 2 x 0,14	9	47,5	72	24
36370C64142A26	14 x 2 x 0,14	9,8	62,7	96	26
36370C64182A26	18 x 2 x 0,14	10,4	89,6	129	26
36370C64252A26	25 x 2 x 0,14	11,7	114,3	170	26
36370C64022A24	2 x 2 x 0,25	5,7	21,8	35	24
36370C64032A24	3 x 2 x 0,25	6,3	28,3	44	24
36370C64042A24	4 x 2 x 0, 25	7	36,1	52	24
36370C64052A24	5 x 2 x 0, 25	7,5	41,1	71	24
36370C64062A24	6 x 2 x 0, 25	8,3	47,3	89	24
36370C64072A24	7 x 2 x 0, 25	8,5	54,1	92	24
36370C64102A24	10 x 2 x 0, 25	10	70,8	101	24
36370C64142A24	14 x 2 x 0,25	10,8	108,7	153	24
36370C64182A24	18 x 2 x 0,25	11,4	133,4	189	24
36370C64252A24	25 x 2 x 0,25	12,9	171,9	262	24
36370C64022A22	2 x 2 x 0,34	6,1	20,3	40	22
36370C64032A22	3 x 2 x 0,34	7	34,9	52	22
36370C64042A22	4 x 2 x 0,34	7,5	43,2	63	22
36370C64052A22	5 x 2 x 0,34	8,1	53,1	73	22
36370C64072A22	7 x 2 x 0,34	9,3	66,4	94	22
36370C64102A22	10 x 2 x 0,34	10,8	90,5	121	22
36370C64142A22	14 x 2 x 0,34	11,8	138,3	181	22
36370C64182A22	18 x 2 x 0,34	12,4	169,2	223	22
36370C64252A22	25 x 2 x 0,34	14,2	247,3	313	22
36370C64022A20	2 x 2 x 0,5	6,3	34,6	52	20
36370C64032A20	3 x 2 x 0,5	7,5	47,3	69	20
36370C64042A20	4 x 2 x 0,5	8,5	61,4	87	20
36370C64052A20	5 x 2 x 0,5	9,5	73,1	115	20
36370C64062A20	6 x 2 x 0,5	10,7	85,3	147	20
36370C64072A20	7 x 2 x 0,5	11	108,4	161	20
36370C64082A20	8 x 2 x 0,5	12	121,5	175	20
36370C64102A20	10 x 2 x 0,5	13	143,3	192	20
36370C64142A20	14 x 2 x 0,5	15	191,7	276	20
36370C64182A20	18 x 2 x 0,5	16,5	257,8	345	20
36370C64252A20	25 x 2 x 0,5	19,5	336,5	446	20
36370C64022A19	2 x 2 x 0,75	9	47,4	69	19
36370C64032A19	3 x 2 x 0,75	9,5	66,2	87	19
36370C64042A19	4 x 2 x 0,75	10,5	101	112	19
36370C64052A19	5 x 2 x 0,75	11,5	118,8	163	19
36370C64072A19	7 x 2 x 0,75	12,5	148	212	19
36370C64082A19	8 x 2 x 0,75	14	188	258	19
36370C64102A19	10 x 2 x 0,75	15,5	228	296	19
36370C64122A19	12 x 2 x 0,75	16	266	358	19
36370C64142A19	14 x 2 x 0,75	17,5	296,9	390	19
36370C64182A19	18 x 2 x 0,75	19,5	366,1	482	19
36370C64252A19	25 x 2 x 0,75	22,5	480,5	620	19
36370C64032A18	3 x 2 x 1	10	88	128	18
36370C64042A18	4 x 2 x 1	10,7	101,4	153	18
36370C64052A18	5 x 2 x 1	11,7	119,4	190	18
36370C64062A18	6 x 2 x 1	12,8	140	250	18
36370C64082A18	8 x 2 x 1	15,6	191	370	18
36370C64042A16	4 x 2 x 1,5	13,7	163,2	230	16
36370C64062A16	6 x 2 x 1,5	14,8	226	319	16

Other dimension and colours available on request.