

# 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



ELETTROTEK KABEL® FLEXIDRUM® TD 210 C TP



## Construction:

|                      |                                                                           |
|----------------------|---------------------------------------------------------------------------|
| <b>CONDUCTOR:</b>    | FLEXIBLE RED COPPER CONDUCTOR CL. 6,<br>ACC. TO IEC 60228, DIN VDE 0295   |
| <b>INSULATION:</b>   | SPECIAL TPE COMPOUND                                                      |
| <b>COLOUR CORES:</b> | ACC. TO DIN 47100                                                         |
| <b>STRANDING:</b>    | CORES TWISTED IN PAIRS, PAIRS TWISTED IN LAYERS                           |
| <b>WRAPPING:</b>     | NETTING TAPE OVER EACH LAYER                                              |
| <b>SCREEN:</b>       | TINNED COPPER BRAID                                                       |
| <b>WRAPPING:</b>     | NON-WOVEN TAPE                                                            |
| <b>OUTER SHEATH:</b> | GREY (RAL 7032), PUR TYPE TMPU,<br>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<br><b>UL/CSA:</b> 300 V |
| <b>TEST VOLTAGE:</b>                 | 1,5 kV ACC. TO DIN VDE 0472 PART 509<br>CORE/SCREEN 1,2 kV          |
| <b>TEMPERATURE RANGE:</b>            | <b>DIN VDE:</b> -50°C UP TO +90°C<br><b>UL/CSA:</b> UP TO +80°C     |
| FIXED LAYING:                        | -50°C UP TO +90°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:               | 7,5 x D                                                             |
| <b>MAX SPEED (MAIN APPLICATION):</b> | 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 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<br>x cross section<br>n x mm² | Outer-Ø<br>ca. mm<br>± 10% | Copper<br>weight<br>kg/km | Cable<br>weight approx.<br>kg/km | AWG<br>no. *) |
|----------------|--------------------------------------------|----------------------------|---------------------------|----------------------------------|---------------|
| 36370C64022A26 | 2 x 2 x 0,14                               | 5,9                        | 17                        | 28                               | 26            |
| 36370C64032A26 | 3 x 2 x 0,14                               | 6,2                        | 21                        | 32                               | 26            |
| 36370C64042A26 | 4 x 2 x 0,14                               | 6,6                        | 24,9                      | 39                               | 26            |
| 36370C64052A26 | 5 x 2 x 0,14                               | 6,7                        | 28,8                      | 46                               | 26            |
| 36370C64062A26 | 6 x 2 x 0,14                               | 7,4                        | 34                        | -                                | 26            |
| 36370C64072A26 | 7 x 2 x 0,14                               | 7,8                        | 35,9                      | 59                               | 26            |
| 36370C64082A26 | 8 x 2 x 0,14                               | 8,8                        | 42                        | -                                | 26            |
| 36370C64102A26 | 10 x 2 x 0,14                              | 9,3                        | 50                        | 72                               | 24            |
| 36370C64142A26 | 14 x 2 x 0,14                              | 10                         | 69,8                      | 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            |
| 36370C64012A24 | 1 x 2 x 0,25                               | 4,7                        | 15                        | -                                | 24            |
| 36370C64022A24 | 2 x 2 x 0,25                               | 6,3                        | 26                        | 35                               | 24            |
| 36370C64032A24 | 3 x 2 x 0,25                               | 6,6                        | 32                        | 44                               | 24            |
| 36370C64042A24 | 4 x 2 x 0,25                               | 7,5                        | 38,5                      | 52                               | 24            |
| 36370C64052A24 | 5 x 2 x 0,25                               | 8,2                        | 43,5                      | 71                               | 24            |
| 36370C64062A24 | 6 x 2 x 0,25                               | 8,4                        | 50,6                      | 89                               | 24            |
| 36370C64072A24 | 7 x 2 x 0,25                               | 8,5                        | 54,1                      | 92                               | 24            |
| 36370C64082A24 | 8 x 2 x 0,25                               | 10                         | 67,1                      | -                                | 24            |
| 36370C64102A24 | 10 x 2 x 0,25                              | 11,7                       | 87                        | 101                              | 24            |
| 36370C64142A24 | 14 x 2 x 0,25                              | 11,9                       | 110                       | 153                              | 24            |
| 36370C64182A24 | 18 x 2 x 0,25                              | 12,5                       | 133,4                     | 189                              | 24            |
| 36370C64252A24 | 25 x 2 x 0,25                              | 15,8                       | 184,8                     | 262                              | 24            |
| 36370C64012A22 | 1 x 2 x 0,34                               | 4,9                        | 17                        | -                                | 22            |
| 36370C64022A22 | 2 x 2 x 0,34                               | 6,7                        | 31                        | 40                               | 22            |
| 36370C64032A22 | 3 x 2 x 0,34                               | 7,1                        | 38,5                      | 52                               | 22            |
| 36370C64042A22 | 4 x 2 x 0,34                               | 7,7                        | 50                        | 63                               | 22            |
| 36370C64052A22 | 5 x 2 x 0,34                               | 8,1                        | 53,1                      | 73                               | 22            |
| 36370C64062A22 | 6 x 2 x 0,34                               | 9,3                        | 77                        | -                                | 22            |
| 36370C64072A22 | 7 x 2 x 0,34                               | 9,8                        | 86                        | 94                               | 22            |
| 36370C64082A22 | 8 x 2 x 0,34                               | 11,5                       | 96                        | -                                | 22            |
| 36370C64102A22 | 10 x 2 x 0,34                              | 12,5                       | 113                       | 121                              | 22            |
| 36370C64142A22 | 14 x 2 x 0,34                              | 13                         | 138,3                     | 181                              | 22            |
| 36370C64182A22 | 18 x 2 x 0,34                              | 13,9                       | 169,2                     | 223                              | 22            |
| 36370C64252A22 | 25 x 2 x 0,34                              | 14,2                       | 247,3                     | 313                              | 22            |
| 36370C64012A20 | 1 x 2 x 0,5                                | 5,2                        | 28                        | -                                | 20            |
| 36370C64022A20 | 2 x 2 x 0,5                                | 7,7                        | 38,5                      | 52                               | 20            |
| 36370C64032A20 | 3 x 2 x 0,5                                | 7,9                        | 51,2                      | 69                               | 20            |
| 36370C64042A20 | 4 x 2 x 0,5                                | 8,9                        | 64,2                      | 87                               | 20            |
| 36370C64052A20 | 5 x 2 x 0,5                                | 9,3                        | 80                        | 115                              | 20            |
| 36370C64062A20 | 6 x 2 x 0,5                                | 10,9                       | 92,1                      | 147                              | 20            |
| 36370C64072A20 | 7 x 2 x 0,5                                | 11                         | 108,4                     | 161                              | 20            |
| 36370C64082A20 | 8 x 2 x 0,5                                | 12,7                       | 118                       | 175                              | 20            |
| 36370C64102A20 | 10 x 2 x 0,5                               | 14,2                       | 152                       | 192                              | 20            |
| 36370C64142A20 | 14 x 2 x 0,5                               | 14,4                       | 197                       | 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                               | 8,7                        | 50,7                      | 69                               | 19            |
| 36370C64032A19 | 3 x 2 x 0,75                               | 9,2                        | 67,6                      | 87                               | 19            |
| 36370C64042A19 | 4 x 2 x 0,75                               | 10,5                       | 99,2                      | 112                              | 19            |
| 36370C64052A19 | 5 x 2 x 0,75                               | 11,5                       | 118,8                     | 163                              | 19            |
| 36370C64062A19 | 6 x 2 x 0,75                               | 11,6                       | 134                       | -                                | 19            |
| 36370C64072A19 | 7 x 2 x 0,75                               | 12,5                       | 148                       | 212                              | 19            |
| 36370C64082A19 | 8 x 2 x 0,75                               | 13,9                       | 178,5                     | 258                              | 19            |
| 36370C64102A19 | 10 x 2 x 0,75                              | 15,3                       | 213                       | 296                              | 19            |
| 36370C64122A19 | 12 x 2 x 0,75                              | 16,8                       | 263                       | 358                              | 19            |
| 36370C64142A19 | 14 x 2 x 0,75                              | 18,3                       | 281                       | 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            |
| 36370C64022A18 | 2 x 2 x 1                                  | 9,7                        | 68                        | -                                | 18            |
| 36370C64032A18 | 3 x 2 x 1                                  | 10                         | 88                        | 128                              | 18            |
| 36370C64042A18 | 4 x 2 x 1                                  | 11                         | 107,2                     | 153                              | 18            |
| 36370C64052A18 | 5 x 2 x 1                                  | 11,7                       | 119,4                     | 190                              | 18            |
| 36370C64062A18 | 6 x 2 x 1                                  | 13                         | 153,6                     | 250                              | 18            |
| 36370C64082A18 | 8 x 2 x 1                                  | 15,6                       | 191                       | 370                              | 18            |
| 36370C64042A18 | 2 x 2 x 1,5                                | 11,8                       | 98                        | -                                | 16            |
| 36370C64062A18 | 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.