

TRACK CABLES

FLEXIDRUM® T 101 UL

Continuously flexible single conductor, 0,6/1 kV, UL/CSA 1000V



ELETTROTEK KABEL® FLEXIDRUM® T 101 UL
UL style 10553 AWM I/II A/B 80°C 1000V FT1



Construction:

Conductor:	flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295
Insulation:	special TPE compound
Colour cores:	green/yellow
Wrapping:	non woven tape
Outer sheath:	black (RAL 9005), special PUR compound

Resistance:



Self-extinguishing and flame retardant acc. to:

DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2
UL 1581 VW-1, CSA FT-1



Oil resistance:

TMPU acc. to DIN VDE 0473 part 811-2-1,
EN 60811-2-1,
IEC 60811-2-1



Halogen free acc. to:

DIN VDE 0482 part 267,
EN 50267-2-1,
IEC 60754-1

Technical data:

Nominal voltage:	U ₀ /U 0,6/1 kV	
UL/CSA:	1000 V	
Test voltage:	4 kV EN 50289-1-3	
Temperature range	DIN VDE:	UL/CSA:
<i>Fixed laying:</i>	-50°C up to +90°C	up to +80°C
<i>Flexible installation:</i>	-40°C up to +90°C	
Radiation resistance:	5 x 10 ⁷ cj/kg	
Min. bending radius		
<i>Continuously flexible:</i>	7,5 x d	
Max pulling force:		
<i>Static:</i>	50 N/mm ²	
<i>Dinamic:</i>	20 N/mm ²	
Max speed (main application):	250 m/min	

Features:

highly flexible single conductor
for use in cable tracks

good chemical resistance

good against acids, alkalines, solvents, hydraulic liquids etc

high abrasion resistance

UV resistant

AWM style 10553 AWM I/II A/B 80°C 1000V FT1
test voltage acc. to EN 50289-1-3
conductor resistance at 20°C acc. to EN 50289-1-2

for SPEEDS and MINIMUM BENDING RADIUS
see pages from 2 to 8 of catalogue

RoHS and CE approval



Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no. *)
04070H7P011A16	1G1,5	5,6	14,4	45	16
04070H7P011A14	1G2,5	6,5	24	63	14
04070H7P011A12	1G4	7,3	38,4	86	12
04070H7P011A10	1G6	8,0	57,6	114	10
04070H7P011A08	1G10	8,7	96	149	8
04070H7P011A06	1G16	10,3	153,6	210	6
04070H7P011A04	1G25	11,9	240	310	4
04070H7P011A02	1G35	13,7	336	420	2
04070H7P011A01	1G50	16,1	480	625	1
04070H7P011A2C	1G70	18,1	672	854	2/0
04070H7P011A3C	1G95	21	912	1140	3/0
04070H7P011A4C	1G120	22,8	1152	1394	4/0
04070H7P011A5C	1G150	24,6	1440	1716	250 MCM
04070H7P011A7C	1G185	26,7	1776	2077	350 MCM
04070H7P011A9C	1G240	31,5	2304	2750	450 MCM
04070H7P011ACC	1G300	34,3	2880	3389	600 MCM

Other dimension and colours available on request.