

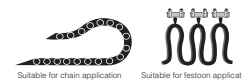
TRACK CABLES

FLEXIDRUM® T 101 C UL

Continuously flexible single conductor with overall copper screen, 0,6/1 kV, UL/CSA 1000V



ELETTROTEK KABEL® FLEXIDRUM® T 101 C UL
AWM style 10553 or 10848 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
Screen:	tinned copper braid
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
or AWM style 10848 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. *)
04080H7P011A10	1G6	8,5	77	120	10
04080H7P011A08	1G10	10,5	127	170	8
04080H7P011A06	1G16	11,8	189	236	6
04080H7P011A04	1G25	13,5	285	341	4
04080H7P011A02	1G35	15	389	447	2
04080H7P011A01	1G50	17,5	544	613	1
04080H7P011A2C	1G70	19,5	768	837	2/0
04080H7P011A3C	1G95	23	1020	1096	3/0
04080H7P011A4C	1G120	24,5	1265	1331	4/0
04080H7P011A5C	1G150	27,5	1450	1578	250 MCM
04080H7P011A7C	1G185	30	2040	2166	350 MCM
04080H7P011A9C	1G240	32	2621	2791	450 MCM
04080H7P011ACC	1G300	33	-	3130	600 MCM

Other dimension and colours available on request.