

TRACK CABLES

FLEXIDRUM® T 100

Continuously flexible single conductor, 0,6/1 kV



ELETTROTEK KABEL® FLEXIDRUM® T 100



Construction:

| | |
|----------------------|--|
| Conductor: | flexible red copper conductor Cl. 6, acc to IEC 60228, DIN VDE 0295 |
| Insulation: | special TPE compound |
| Colour cores: | black |
| 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



Oil resistance acc. to:
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 |
| Test voltage: | 4 kV EN 50289-1-3 |
| Temperature range | |
| <i>Fixed laying:</i> | - 50°C up to +90°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
high abrasion resistance
UV resistant
good against acids, alkalines, solvents, hydraulic liquids etc
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. *) |
|----------------|--|----------------------------|---------------------------|----------------------------------|---------------|
| 04010G7L010M15 | 1 x 1,5 | 5,6 | 14,4 | 45 | 16 |
| 04010G7L010M25 | 1 x 2,5 | 6,5 | 24 | 63 | 14 |
| 04010G7L010M40 | 1 x 4 | 7,3 | 38,4 | 86 | 12 |
| 04010G7L010M60 | 1 x 6 | 8 | 57,6 | 114 | 10 |
| 04010G7L010M61 | 1 x 10 | 8,7 | 96 | 149 | 8 |
| 04010G7L010M62 | 1 x 16 | 10,3 | 153,6 | 210 | 6 |
| 04010G7L010M63 | 1 x 25 | 11,9 | 240 | 310 | 4 |
| 04010G7L010M64 | 1 x 35 | 13,7 | 336 | 420 | 2 |
| 04010G7L010M65 | 1 x 50 | 16,1 | 480 | 625 | 1 |
| 04010G7L010M66 | 1 x 70 | 18,1 | 672 | 854 | 2/0 |
| 04010G7L010M67 | 1 x 95 | 21 | 912 | 1140 | 3/0 |
| 04010G7L010M68 | 1 x 120 | 22,8 | 1152 | 1394 | 4/0 |
| 04010G7L010M69 | 1 x 150 | 24,6 | 1440 | 1716 | 250 MCM |
| 04010G7L010M70 | 1 x 185 | 26,7 | 1776 | 2077 | 350 MCM |
| 04010G7L010M71 | 1 x 240 | 31,5 | 2304 | 2750 | 450 MCM |
| 04010G7L010M72 | 1 x 300 | 34,3 | 2880 | 3389 | 600 MCM |

Other dimension and colours available on request.