

## FLEXIMINING® SIGNAL 2YSLGCÖU

Acc. to DIN VDE 0250 part 812

CE

ELETTROTEK KABEL® FLEXIMINING® SIGNAL 2YSLGCÖU



### Construction:

<b>Conductor:</b>	flexible red copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
<b>Insulation:</b>	PE special compound
<b>Cores color:</b>	white with consecutive numbers
<b>Stranding:</b>	cores twisted in pairs, pairs stranded in layers
<b>Inner sheath:</b>	special rubber type EM2 acc. to DIN VDE 0207, part 21
<b>Screen:</b>	tinned copper braid
<b>Outer sheath:</b>	black (similar to RAL9005), rubber PCP type EM2 acc. to DIN VDE 0207, part 21

### 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:**  
DIN VDE 0473 part 811-2-1  
IEC EN 60811-2-1

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 250 V
<b>Test voltage:</b>	1,5 kV
<b>Max. operating voltage:</b>	A.C. U <sub>0</sub> /U = 350 V D.C. U <sub>0</sub> /U = 350 V
<b>Temperature range:</b>	
<i>Fixed laying:</i>	-40°C up to +60°C
<i>Flexible application:</i>	-25°C up to +60°C
<b>Temperature at conductor:</b>	
<i>In service:</i>	+60°C
<i>In short circuit:</i>	+150°C
<b>Min. bending radius:</b>	acc. to DIN VDE 0298, Part 3
<b>Tensile strength:</b>	15 N/mm <sup>2</sup>
<b>Max. torsion:</b>	+/- 25°/m

### Features:

data cables using in conveyor belts  
possible bus use  
MSHA, GOST-R and WUG approvals on request  
for MINIMUM BENDING RADIUS  
see pages from 5 to 8 of catalogue  
outdoor use, resistant to moisture ozone and UV  
RoHS approval



Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.)*
05090C7C022M10	2x2x1	12	-	245	18
05090C7C052M10	5x2x1	17,3	-	420	18
05090C7C102M10	10x2x1	21,5	-	660	18
05090C7C202M10	20x2x1	26,6	-	1030	18

Other dimensions and colors available on request.