

FLEXIMINING® SIGNAL 2YSLGCÖU

Acc. to DIN VDE 0250 part 812

CE

ELETTROTEK KABEL® FLEXIMINING® SIGNAL 2YSLGCÖU



Construction:

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

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

Features:

data cables using in conveyor belts
possible bus use
MSHA, EAC (GOST) 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 ²	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.