

MINING CABLES

FLEXIMINING® MEDIUM NTMCWÖU

Flexible single-core, 76/132-138 kV acc. to DIN VDE 0250 part 813

ELETTROTEK KABEL® FLEXIMINING® MEDIUM NTMCWÖU

Construction:

Conductor:	flexible tinned copper conductor Cl. 5, acc. to IEC 60228, DIN VDE 0295
Inner semi-conductive layer:	semi-conducting rubber compound
Insulation:	rubber EPR special compound
Outer semi-conductive layer:	semi-conducting rubber compound
Core color:	natural color with black semi-conducting compound
Screen:	tinned copper wires
Outer sheath:	red (similar to RAL 3000), rubber PCP type 5GM3 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 76/132-138 (145) kV
Temperature range:	
<i>Fixed laying:</i>	-50°C up to +80°C
<i>Flexible application:</i>	-40 °C up to +80°C
Temperature on conductor in service:	up to +90°C
<i>in short-circuit:</i>	up to +250°C
Temperature on screen:	
<i>in short-circuit:</i>	up to +350°C
Min. bending radius:	
<i>Fixed laying:</i>	5 x D
<i>Flexible installation:</i>	10 x D

Features:

small cable weight
small outer diameter
very small bending radius
possible cold version -50°C
acc. to DIN VDE 0250 part 813, IEC 60840
MSHA and WUG approvals on request
for MINIMUM BENDING RADIUS see pages from 5 to 8 of catalogue
RoHS approval



76/132-138 (145) kV NTMCWÖU

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km	AWG no.)*
06040ORL010M71	1x240/105	70,7	7200	450 MCM

Other dimensions and colors available on request.