

# MINING CABLES

## FLEXIMINING® MEDIUM NTMCWÖU COLD

Flexible single-core, 6/10 kV up to 26/45 kV acc. to DIN VDE 0250 part 813

ELETTROTEK KABEL® FLEXIMINING® MEDIUM NTMCWÖU COLD

### Construction:

<b>Conductor:</b>	flexible tinned copper conductor Cl. 5, acc to IEC 60228, DIN VDE 0295
<b>Inner semi-conductive layer:</b>	semi-conducting rubber compound
<b>Insulation:</b>	rubber EPR type 3GI3
<b>Outer semi-conductive layer:</b>	semi-conducting rubber compound
<b>Core color:</b>	natural color with black semi-conducting compound
<b>Screen:</b>	tinned copper wires
<b>Outer sheath:</b>	black (similar to RAL 9005), rubber PCP type 5GM3 acc. to DIN VDE 0207 part 21

### Technical data:

<b>Nominal voltage:</b>	U <sub>0</sub> /U 6/10 up to 26/45 kV
<b>Test voltage:</b>	17 kV up to 87 kV
<b>Temperature range:</b>	
<i>Fixed laying:</i>	-50°C up to +80°C
<i>Flexible application:</i>	-50 °C up to +80°C
<b>Temperature on conductor in service:</b>	up to +90°C
<b>Min. bending radius:</b>	
<i>Fixed laying:</i>	5 x D
<i>Flexible installation:</i>	10 x D

### 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

### Features:

UV resistant  
small cable weight  
small outer diameter  
very small bending radius  
acc. to standard DIN VDE 0250 part 813  
MSHA and WUG approvals on request  
for MINIMUM BENDING RADIUS  
see pages from 5 to 8 of catalogue  
RoHS approval



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### 6/10 (12) kV NTMCWÖU

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
06050Q7L010M62	1x16/16	22,3	765	6
06050Q7L010M63	1x25/16	23,8	920	4
06050Q7L010M64	1x35/16	24,8	1050	2
06050Q7L010M65	1x50/16	27,3	1265	1
06050Q7L010M66	1x70/16	28,8	1540	2/0
06050Q7L010M67	1x95/16	30,7	1780	3/0
06050Q7L010M68	1x120/16	33,9	2185	4/0
06050Q7L010M69	1x150/25	35,2	2560	250 MCM
06050Q7L010M70	1x185/25	37,1	2910	350 MCM
06050Q7L010M71	1x240/25	41,3	3595	450 MCM
06050Q7L010M72	1x300/25	43,2	4290	550 MCM
06050Q7L010M73	1x400/35	46,4	5130	750 MCM
06050Q7L010M74	1x500/35	49,3	5960	950 MCM
06050Q7L010M75	1x630/35	53,3	7870	1200 MCM

### 12/20 (24) kV NTMCWÖU

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
06050U7L010M63	1x25/16	28,8	1190	4
06050U7L010M64	1x35/16	29,7	1330	2
06050U7L010M65	1x50/16	31,8	1570	1
06050U7L010M66	1x70/16	34,2	1930	2/0
06050U7L010M67	1x95/16	36,1	2200	3/0
06050U7L010M68	1x120/16	38,3	2470	4/0
06050U7L010M69	1x150/25	40,2	3000	250 MCM
06050U7L010M70	1x185/25	42,5	3360	350 MCM
06050U7L010M71	1x240/25	45,2	3995	450 MCM
06050U7L010M72	1x300/25	48,3	4775	550 MCM
06050U7L010M73	1x400/35	52,3	6115	750 MCM
06050U7L010M74	1x500/35	56,2	7020	950 MCM
06050U7L010M75	1x630/35	60,3	8190	1200 MCM

### 14/25 (30) kV NTMCWÖU

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
06050W7L010M63	1x25/16	30,7	1310	4
06050W7L010M72	1x300/25	49,2	4910	550 MCM

### 18/30 (36) kV NTMCWÖU

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
06050X7L010M65	1x50/16	35,2	1880	1

### 20/35 (42) kV NTMCWÖU

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
06050Y7L010M67	1x95/16	44,2	2910	3/0
06050Y7L010M69	1x150/25	46,6	3615	250 MCM
06050Y7L010M71	1x240/25	51,9	5010	450 MCM

### 26/45 (54) kV NTMCWÖU

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.®)
06050Z7L010M69	1x150/25	54	4600	250 MCM

Other dimensions and colors available on request.