

FLEXIMINING® MEDIUM NTMCWÖU

Flexible single-core, 26/45 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), halogen-free compound acc. to DIN VDE 0207 part 24

Technical data:

Nominal voltage:	U ₀ /U 26/45 kV
Test voltage:	87 kV
Temperature range:	
<i>Fixed laying:</i>	-40°C up to +80°C
<i>Flexible application:</i>	-25 °C up to +80°C
Temperature on conductor in service:	up to +90°C
Min. bending radius:	
<i>Fixed laying:</i>	5 x D
<i>Flexible installation:</i>	10 x D
Tensile strength:	up to 15 N/mm ²

Features:

- small cable weight
- small outer diameter
- 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



Resistance:

Self-extinguishing, flame retardant and no flame propagation acc. to:

DIN VDE 0482 part 265-2-1
EN 50265-2-1
IEC 60332-1-2
DIN VDE 0482 part 265-5-2
EN 50265-5-2
IEC 60332-3C
NF C 32-070 C1
NF F 16-101 Fo
BS 6853 cat. 1b



Halogen free acc. to:

acc. to DIN VDE 0482, part 267-2-1
EN 50267-2-1
IEC 60754-1
IEC 60884-2



Corrosiveness of conflagration gases acc. to:

acc. to DIN VDE 0482, part 267-2-2
EN 50267-2-2
IEC 60754-2



Low smoke density acc. to:

DIN VDE 0482 part. 268-1-2
EN 50268-1-2
IEC 61034-1-2
BS 6853 cat. 1b



Toxicity acc. to:

BS 6853 cat. 1b
EN 50305
NF F 16-101 Fo



Ozone resistance acc. to:

IEC 92-350



Chemical resistance acc. to:

EN 60721-3-5, class 5C2



Mechanical stress acc. to:

EN 61373 cat.1, class B



Humidity resistance acc. to:

acc. to EN 50125-1



Biological substance resistance acc. to:

acc. to EN 60721-3-5, class 5B2



Fluid resistance acc. to:

EN 60721-3-5, class 5F3



Railway network stability acc. to:

for voltage pulses IEC 61287-1
for sustained over voltage,
IEC EN 50163, appendix A, Zone C

MINING CABLES

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26/34 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.)*
06060ZRL010M65	1x50/16	37	1900	1
06060ZRL010M66	1x70/16	39	2400	2/0
06060ZRL010M67	1x95/16	41	2700	3/0
06060ZRL010M68	1x120/16	43	3000	4/0
06060ZRL010M69	1x150/25	45	3700	250 MCM
06060ZRL010M70	1x185/25	47	4200	350 MCM
06060ZRL010M71	1x240/25	50	4500	450 MCM
06060ZRL010M73	1x400/35	56	6400	750 MCM
06060ZRL010M74	1x500/25	59,5	7400	950 MCM
06060ZRL010M75	1x630/35	64	9200	1200 MCM

Other dimensions and colors available on request.