

FLEXIMINING® MEDIUM NTMCWÖU WATER PROOF

Flexible single-core, 6/10 kV up to 12/20 kV acc. to DIN VDE 0250 part 813

ELETTROTEK KABEL® FLEXIMINING® MEDIUM NTMCWÖU WATER PROOF



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 HEPR type SHS
Outer semi-conductive layer:	semi-conducting rubber compound
Core color:	natural color with black semi-conducting compound
Inner sheath:	special water resistant compound
Screen:	tinned copper wires
Outer sheath:	blue (similar to RAL 5015), rubber PCP type 5GM3 acc. to DIN VDE 0207 part 21

Features:

- water proof approved
- very good water resistant
- Installation in water up to 500 mt. depth
- 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



Technical data:

Nominal voltage:	U ₀ /U 6/10 up to 12/20 kV
Test voltage:	17 kV up to 29 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

MINING CABLES

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6/10 (12) kV NTMCWÖU WATER PROOF

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.*)
06140QBL010M62	1x16/16	22	760	6
06140QBL010M63	1x25/16	23,5	910	4
06140QBL010M64	1x35/16	24,5	1040	2
06140QBL010M65	1x50/16	27	1260	1
06140QBL010M66	1x70/16	28,5	1530	2/0
06140QBL010M67	1x95/16	30,5	1770	3/0
06140QBL010M68	1x120/16	33,5	2180	4/0
06140QBL010M69	1x150/25	35	2550	250 MCM
06140QBL010M70	1x185/25	37	2900	350 MCM
06140QBL010M71	1x240/25	41	3590	450 MCM
06140QBL010M74	1x500/35	49	5950	950 MCM
06140QBL010M75	1x630/35	53,5	7860	1200 MCM

12/20 (24) kV NTMCWÖU WATER PROOF

Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca.mm ± 10%	Cable weight approx. kg/km	AWG no.*)
06140UBL010M63	1x25/16	28	1180	4
06140UBL010M64	1x35/16	29,5	1320	2
06140UBL010M65	1x50/16	31,5	1560	1
06140UBL010M66	1x70/16	34	1920	2/0
06140UBL010M67	1x95/16	36	2190	3/0
06140UBL010M68	1x120/16	38	2460	4/0
06140UBL010M69	1x150/25	40	2990	250 MCM
06140UBL010M70	1x185/25	42	3350	350 MCM
06140UBL010M71	1x240/25	45	3990	450 MCM

Other dimensions and colors available on request.