

MINING CABLES

FLEXIMINING® MEDIUM R2XH1O(GS)E

ELETTROTEK KABEL® FLEXIMINING® MEDIUM R2XH1O(GS)E



Construction:

Conductor:	stranded red copper conductor Cl. 2, acc to IEC 60228, DIN VDE 0295
Inner semi-conductive layer:	semi-conducting rubber compound
Insulation:	XLPE compound
Outer semi-conductive layer:	semi-conducting compound
Earth conductor:	stranded red copper conductor Cl. 2, acc to IEC 60228, DIN VDE 0295
Earth semi-conductive layer:	semi-conducting compound
Cores color:	Power: natural color with black semi-conducting compound
Stranding:	phase units laid up with uninsulated earth-conductors in interstices and in contact with screens
Screen:	red copper tapes
Wrapping:	binder tapes + filler compound
Armouring:	GAALTHERM® 600 (GAALSHOCK technology)
Outer sheath:	red (similar to RAL 3000), PE compound

Features:

acc. to IEC 60502-2

RoHS approval



Technical data:

Nominal voltage:	U ₀ /U 8,7/15 (17,5) kV U ₀ /U 12/20 (24) kV
Test voltage:	U ₀ /U 8,7/15 (17,5) kV = 24 kV U ₀ /U 12/20 (24) kV = 29 kV
Temperature range:	0°C up to + 90°C
Temperature on conductor in service:	up to +90°C

8,7/15 kV

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.*)
06160SR1037M64	3x35+3x6	49,7	1184	2979	2

12/20 kV

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.*)
06160SR1037M66	3x35+3x6	54	1198	3338	2

Other dimensions and colors available on request.