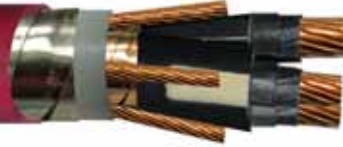


# MINING CABLES

## FLEXIMINING® MEDIUM R2XH1OZR

ELETTROTEK KABEL® FLEXIMINING® MEDIUM R2XH1OZR



### Construction:

<b>Conductor:</b>	stranded red copper conductor Cl. 2, acc to IEC 60228, DIN VDE 0295
<b>Inner semi-conductive layer:</b>	semi-conducting rubber compound
<b>Insulation:</b>	XLPE compound
<b>Outer semi-conductive layer:</b>	semi-conducting compound
<b>Earth conductor:</b>	stranded red copper conductor Cl. 2, acc to IEC 60228, DIN VDE 0295
<b>Cores color:</b>	<b>Power:</b> natural color with black semi-conducting compound
<b>Stranding:</b>	phase units laid up with uninsulated earth-conductors in interstices and in contact with screens
<b>Screen:</b>	red copper tapes
<b>Wrapping:</b>	binder tapes + filler compound
<b>Armouring:</b>	double galvanized steel tapes
<b>Outer sheath:</b>	red (similar to RAL 3000), PVC type RZ

### Resistance:



**Self-extinguishing and flame retardant acc. to:**  
DIN VDE 0482 part 265-2-1  
EN 50265-2-1  
IEC 60332-1-2

### Technical data:

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

### Features:

acc. to IEC 60502-2  
possible RG7H1OZR, RG7H1ONR  
RoHS approval



8,7/15 kV

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
06090SR1037M64	3x35+3x6	49,5	1184	3934	2

12/20 kV

Part no.	No. of cores x cross section n x mm <sup>2</sup>	Outer-Ø ca.mm ± 10%	Copper weight kg/km	Cable weight approx. kg/km	AWG no.*)
06090UR1037M64	3x35+3x6	53,9	1198	4433	2
06090UR1037M66	3x70+3x6	63	2630	6840	2/0

Other dimensions and colors available on request.