

MINING CABLES

FLEXIMINING® MEDIUM R2XH1OZR

ELETTROTEK KABEL® FLEXIMINING® MEDIUM R2XH1OZR



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
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:	double galvanized steel tapes
Outer sheath:	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:

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

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 ²	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 ²	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.