

FIRE RESISTANT CABLES

FG29OHMI6 PH120 Cca



ELETTROTEK KABEL® FG29OHMI6 PH120 Cca

Construction:

Conductor:	flexible bare copper conductor Cl. 5, acc. to IEC 60228
Insulation:	silicone rubber compound type G29
Colour cores:	
2x..:	Black + Red
4x..:	Black, Red, White, Blue
Stranding:	in layers
Wrapping:	PET tape
Screen:	electrostatic screen of plastic and aluminium tape + tinned drain wire
Outer sheath:	Red (similar RAL 3000), Halogen free compound type M16

Resistance:



Flame retardant acc. to:
IEC 60332-1-2



Fire resistant acc. to:
EN 50200 PH120



Halogen-free



Low corrosiveness of conflagration gases



Low smoke density

Technical data:

Nominal voltage:	U ₀ /U 100/100 V
Test voltage:	2 kV
Temperature range:	-20°C up to +90°C
<i>installation:</i>	-5°C up to +50°C
<i>insulation conductors only:</i>	up to max. +180°C
Min. bending radius:	15 x d

Features:

acc. to standard CEI 20-105 V2

CPR fire class acc. to Cca-s1a, d0, a1

CPR acc. to EN 50575:2016

suitable for use in wet and outdoor environments (not harsh), for example for laying in cable duct without water

RoHS and CE approval



Part no.	No. of cores x cross section n x mm ²	Outer-Ø ca. mm ± 10%	Cable weight approx. kg/km
49380BRM020M10	2x1	5,8	49,6
49380BRM020M15	2x1,5	6,5	64
49380BRM020M25	2x2,5	7,5	88,8
49380BRM040M10	4x1	7,2	101