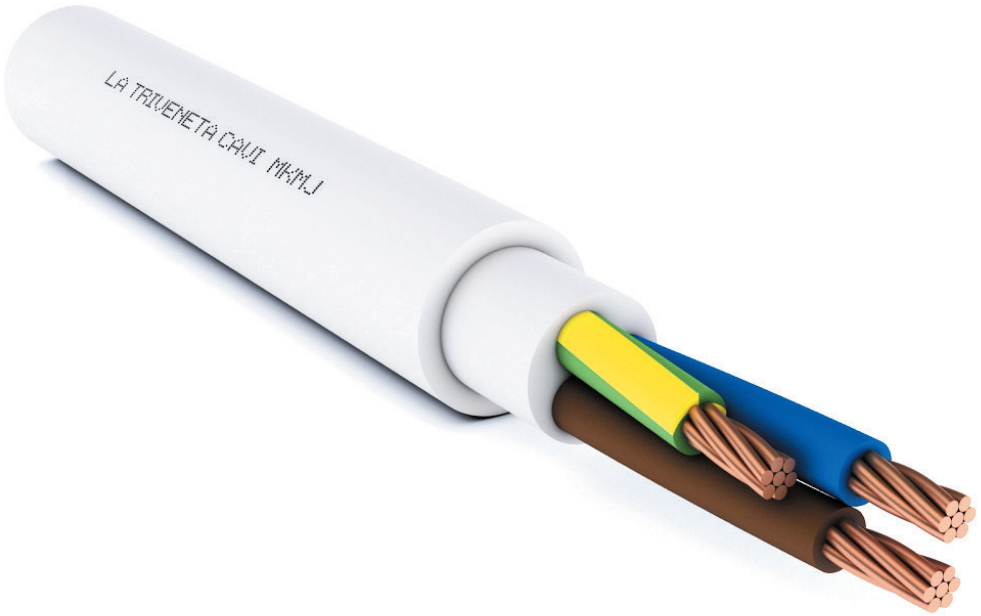
MKMJ

Structure and electrical, physical, mechanical requirements:	SFS 2091:2011
Low Voltage Directive:	2014/35/EU
RoHS Directive:	2011/65/EU

REACTION TO FIRE

CPR COMPLIANT
REGULATION 305/2011/EU

Standard:	EN 50575:2014+A1:2016
Class:	E_{ca}
Classification:	EN 13501-6
Flame propagation:	EN 60332-1-2
Notified Body:	0051 - IMQ
CE	2017



Description

- Conductor: class 2, stranded wire, plain copper
- Insulation: PVC
- Filler: thermoplastic
- Sheath: PVC
- Colour: white

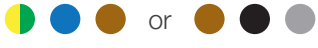
Functional characteristics

- Rated voltage Uo/U: 300/500 V - 450/750 V
- Max. operating temperature: 70°C
- Min. operating temperature: -30°C (without mechanical shocks)
- Max. short circuit temperature: 160°C

Installation conditions

- Minimum installation temperature: -15°C
- Recommended minimum bending radius: 6 times the cable diameter
- Recommended maximum tensile stress: 50 N/mm² of the cross-section of the copper

Colours of the cores

THREE-CORE  or

FIVE-CORE  or 

Marking

LA TRIVENETA CAVI MKMJ [form.] S Eca 300/500V SFS 2091 ...
LA TRIVENETA CAVI MKMJ [form.] S Eca 450/750V SFS 2091 ...

Use and installation method

Suitable for energy supply in industry, workshops, residential building, and in agricultural applications. For fixed installations inside and outside.
It must not be laid underground even if protected.

Reference Construction Products Regulation 305/2011 EU and Standard EN 50575:
The cable is suitable for the supply of electricity in buildings and other civil engineering works.

Uo/U: 300/500V

Formation	Approx. conductor Ø	Average insulation thickness	Average sheath thickness	Approx. external Ø	Approx. cable weight	Max. electrical resistance at 20°C
n° x mm	mm	mm	mm	mm	kg/km	Ω/km
3 x 1,5	1,6	0,7	1,2	8,8	120	12,1
3 x 2,5	2,0	0,8	1,2	10,2	175	7,41
5 x 1,5	1,6	0,7	1,2	10,5	170	12,1
5 x 2,5	2,0	0,8	1,2	12,1	250	7,41

Uo/U: 450/750V

Formation	Approx. conductor Ø	Average insulation thickness	Average sheath thickness	Approx. external Ø	Approx. cable weight	Max. electrical resistance at 20°C
n° x mm	mm	mm	mm	mm	kg/km	Ω/km
3 x 1,5	1,6	0,7	1,5	9,4	145	12,1
3 x 2,5	2,0	0,8	1,5	10,8	200	7,41
5 x 1,5	1,6	0,7	1,5	11,1	195	12,1
5 x 2,5	2,0	0,8	1,5	12,7	275	7,41