

YDYp

Structure and electrical, physical, EN 50525-1
mechanical requirements:

Flame propagation:	EN 60332-1-2
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Low Voltage Directive:	2014/35/EU
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RoHS Directive:	2011/65/EU
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Description

- Conductor: class 1, solid, plain copper
- Insulation: PVC, type T11
- Sheath: PVC, type TM1, flat shape
- Colour: white

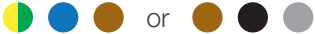
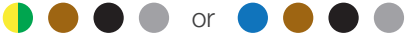
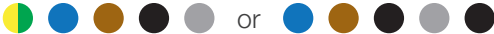
YDYpzo: with green/yellow core

YDYp: without green/yellow core

Functional characteristics

- Rated voltage U_0/U : 450/750 V
- Max. operating temperature: 70°C
- Min. operating temperature: -30°C (without mechanical shocks)
- Max. short circuit temperature: 160°C

Colours of the cores

THREE-CORE 
FOUR-CORE 
FIVE-CORE 

Marking

LA TRIVENETA CAVI YDYpzo 450/750V [form.] mm² [year] (CE logo) [metric]

Installation conditions

- Minimum installation temperature: -5°C
- Recommended minimum bending radius: 6 times the cable diameter for the smaller dimension
- Recommended maximum tensile stress: 50 N/mm² of the cross-section of the copper

Use and installation method

For fixed wiring in power equipment, in dry rooms on plaster and under plaster.

N.B. For applications not covered by Regulation EU 305/2011.

Formation	Approx. conductor Ø	Average insulation thickness	Average sheath thickness	Approx. external Ø	Max. electrical resistance at 20°C	Approx. cable weight
n° x mm ²	mm	mm	mm	mm	Ω/km	kg/km
3 x 1,5	1,4	0,7	1,2	5,0 x 10,2	12,1	100
3 x 2,5	1,8	0,8	1,2	5,5 x 12,0	7,41	145
3 x 4	2,5	0,8	1,2	6,2 x 13,5	4,61	200
4 x 1,5	1,4	0,7	1,2	5,0 x 12,9	12,1	130
4 x 2,5	1,8	0,8	1,2	5,5 x 15,2	7,41	190
4 x 4	2,5	0,8	1,3	6,2 x 17,2	4,61	260
5 x 1,5	1,4	0,7	1,2	5,0 x 15,5	12,1	160
5 x 2,5	1,8	0,8	1,2	5,5 x 15,5	7,41	200
5 x 4	2,5	0,8	1,3	6,2 x 20,9	4,61	280