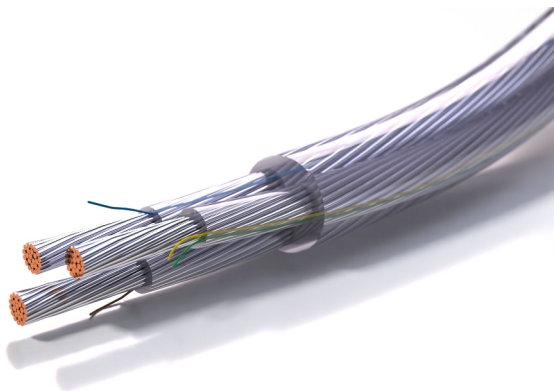


Energy cables

03VV-F and 05VV-F transparent



Technical data:

Rated voltage U_0/U

- 03VV-F cables 300/300 [V]
 - 05VV-F cables 300/500 [V]

Test voltage

2000 [V]

Operating temperature range

+5 to +70 [°C]

Cables construction:

Conductors: stranded thin copper wires (tinned), class 5 acc. to IEC 60228

Insulation: PVC transparent

Marking of cores (distinction):



	2-core cables	3-core cables	4-core cables	5-core cables
core 1	transparent with a blue thread	transparent with a yellow and green threads	transparent with a yellow and green threads	transparent with a yellow and green threads
core 2	transparent with a brown thread	transparent with a blue thread	transparent with a blue thread	transparent with a blue thread
core 3		transparent with a brown thread	transparent with a brown thread	transparent with a brown thread
core 4			transparent with a black thread	transparent with a black thread
core 5				transparent

the 5-core cables have an additional central filling made of PVC-coated (transparent) polyester monofil

Outer sheath: PVC transparent

Additional qualities:

Flame propagation resistance acc. to EN 60332-1-2

Easy visual inspection of the conductor condition

Aesthetic appearance - the cables can be used in installations with backlighting, where the transparency of the insulation creates an interesting lighting effect

Application:

For domestic and office use

For light duty **(03VV-F)** or ordinary duty **(05VV-F)** applications

In household appliances

The cables are not intended for outdoor use

Marking of cables:

Black printing on the cable

Normative references:

ZN-10/SIM/16 based on EN 50525-2-11

Catalogue number	No. of cores x cross-section	Rated voltage	Construction of single core	Insulation thickness (nominal)	Sheath thickness (nominal)	Cable diameter	Max. conductor resistance (at 20°C)	
	[n x mm ²]	[V]	[n x mm]	[mm]	[mm]	(+/-0,1)mm	[Ω/km]	
PEA00001A	2x0,5	300/300	16x0,191	0,5	0,6	4,90	40,1	transparent
PEA00002A	2x0,75	300/300	24x0,191	0,5	0,6	5,30	26,7	transparent
PEA00003A	3x0,5	300/300	16x0,191	0,5	0,6	5,20	40,1	transparent
PEA00004A	3x0,75	300/300	24x0,191	0,5	0,6	5,70	26,7	transparent
PEA00005A	4x0,5	300/300	16x0,191	0,5	0,6	5,80	40,1	transparent
PEA00006A	4x0,75	300/300	24x0,191	0,5	0,6	6,20	26,7	transparent
PEA00007A	5x0,75	300/300	24x0,191	0,5	0,6	6,90	26,7	transparent
PEA00008A	2x0,75	300/500	24x0,191	0,6	0,8	6,20	26,7	transparent
PEA00009A	2x1	300/500	32x0,191	0,6	0,8	6,60	20,0	transparent
PEA00010A	2x1,5	300/500	48x0,191	0,7	0,8	7,50	13,7	transparent
PEA00011A	3x0,75	300/500	24x0,191	0,6	0,8	6,55	26,7	transparent
PEA00012A	3x1	300/500	32x0,191	0,6	0,8	6,95	20,0	transparent
PEA00013A	3x1,5	300/500	48x0,191	0,7	0,9	8,15	13,7	transparent
PEA00014A	4x0,75	300/500	24x0,191	0,6	0,8	7,15	26,7	transparent
PEA00015A	4x1	300/500	32x0,191	0,6	0,9	7,65	20,0	transparent
PEA00016A	4x1,5	300/500	48x0,191	0,7	1,0	9,10	13,7	transparent
PEA00017A	5x0,75	300/500	24x0,191	0,6	0,9	8,00	26,7	transparent
PEA00018A	5x1	300/500	32x0,191	0,6	0,9	8,55	20,0	transparent
(±0,15)mm								
PEA00019A	5x1,5	300/500	48x0,191	0,7	1,1	10,15	13,7	transparent