

Code

RZC-YAVCV-NAYCY

Voltage Rating

0.6/1 kV

Standard

TS IEC 60502-1, VDE 0276
IEC 60228

Conductor

Reaction to Fire Classification (CPR)

EN 60332-1-2

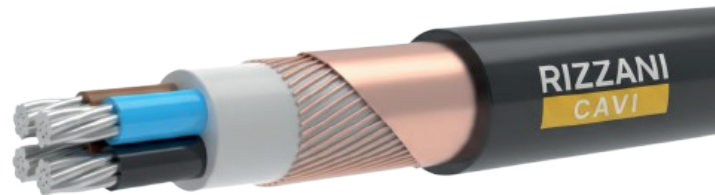
Flame Retardant

Conductor

Stranded Aluminum Conductor (Class 2)

Insulation

PVC (Polyvinyl Chloride)



Filler

PVC Filler

Armour

Copper Wire and Copper Tape

Sheath

PVC (Polyvinyl Chloride)

Technical Data

Max. Operating Temperature	70°C
Short Circuit Temperature	160°C (max.5 sec)
Bending Radius	15D (D : Overall Diameter)
Test Voltage	3,5 kV

Application :

For installation indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distribution industrial plants, where there is no risk of mechanical damage.



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CAVI

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In the Ground at 20°C	In the Air at 30°C
1x10/10	12,4	300,0	1000	3,08 - 1,83	-	-
1x16/16	14,2	398,6	1000	1,91 - 1,15	-	-
1x16/10	13,4	339,4	1000	1,91 - 1,83	-	-
1x25/16	15,8	468,6	1000	1,20 - 1,15	108	91
1x35/16	16,8	523,4	1000	0,868 - 1,15	129	112
1x50/25	18,5	655,9	1000	0,641 - 0,727	153	137
1x70/35	20,4	860,0	1000	0,443 - 0,524	187	173
1x95/50	22,6	1087,9	1000	0,320 - 0,387	223	212
1x120/70	26,4	1540,7	1000	0,253 - 0,268	252	247
1x150/70	29,0	1733,4	1000	0,206 - 0,268	280	280
1x185/95	31,9	2192,4	1000	0,164 - 0,193	314	321
1x240/120	35,1	2704,5	500	0,125 - 0,153	358	374
1x300/150	41,7	3651,3	500	0,100 - 0,124	397	426

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In the Ground at 20°C	In the Air at 30°C
2x10/10	18,1	563,5	1000	3,08 - 1,83	-	-
2x16/10	20,1	680,0	1000	1,91 - 1,83	-	-
2x25/16	24,0	962,0	1000	1,20 - 1,15	103	83
2x35/16	26,1	1127,8	1000	0,868 - 1,15	123	101
2x50/25	29,6	1461,9	1000	0,641 - 0,727	145	121
2x70/35	34,0	1938,0	500	0,443 - 0,524	180	155
2x95/50	38,5	2552,0	500	0,320 - 0,387	216	189
2x120/70	41,9	3132,1	500	0,253 - 0,268	246	220
2x150/70	47,4	3836,4	500	0,206 - 0,268	276	249
2x185/95	52,6	4797,4	250	0,164 - 0,193	313	287
2x240/120	58,9	6043,1	250	0,125 - 0,153	362	339

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In the Ground at 20°C	In the Air at 30°C
3x10/10	19,0	617,6	1000	3,08 - 1,83	-	-
3x16/10	21,1	753,0	1000	1,91 - 1,83	-	-
3x25/16	25,3	1069,6	1000	1,20 - 1,15	103	83
3x35/16	27,6	1264,8	1000	0,868 - 1,15	123	101
3x50/25	31,5	1648,4	1000	0,641 - 0,727	145	121
3x70/35	36,2	2228,5	500	0,443 - 0,524	180	155
3x95/50	41,0	2878,9	500	0,320 - 0,387	216	189
3x120/70	44,6	3527,4	500	0,253 - 0,268	246	220
3x150/70	50,6	4322,8	250	0,206 - 0,268	276	249
3x185/95	56,1	5396,0	250	0,164 - 0,193	313	287
3x240/120	62,9	6803,2	250	0,125 - 0,153	362	339
3x300/150	69,8	8516,1	250	0,100 - 0,124	415	401



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CAVI

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In the Ground at 20°C	In the Air at 30°C
3x16+10/10	22,3	831,7	1000	1,91 - 3,08 - 1,83	-	-
3x25+16/16	26,5	1169,4	1000	1,20 - 1,91 - 1,15	103	83
3x35+16/16	28,5	1360,1	1000	0,868 - 1,91 - 1,15	123	101
3x50+25/25	32,8	1781,0	1000	0,641 - 1,20 - 0,727	145	121
3x70+35/35	37,5	2406,4	500	0,443 - 0,868 - 0,524	180	155
3x95+50/50	42,6	3080,0	500	0,320 - 0,641 - 0,387	216	189
3x120+70/70	47,4	3924,5	500	0,253 - 0,443 - 0,268	246	220
3x150+70/70	52,0	4550,0	250	0,206 - 0,443 - 0,268	276	249
3x185+95/95	58,4	5793,0	250	0,164 - 0,320 - 0,193	313	287
3x240+120/120	64,7	7209,4	250	0,125 - 0,253 - 0,153	362	339
3x300+150/150	72,1	9049,8	250	0,100 - 0,206 - 0,124	415	401
3x400+185/185	81,1	11487,2	250	0,0778 - 0,164 - 0,0991	474	468

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In the Ground at 20°C	In the Air at 30°C
4x10/10	20,5	709,0	1000	3,08 - 1,83	-	-
4x16/16	23,7	947,8	1000	1,91 - 1,15	-	-
4x25/16	27,6	1248,7	1000	1,20 - 1,15	103	83
4x35/16	30,2	1507,7	1000	0,868 - 1,15	123	101
4x50/25	34,9	1996,8	1000	0,641 - 0,727	145	121
4x70/35	39,8	2643,9	500	0,443 - 0,524	180	155
4x95/50	45,5	3419,4	500	0,320 - 0,387	216	189
4x120/70	49,5	4261,2	500	0,253 - 0,268	246	220
4x150/70	55,7	5169,9	250	0,206 - 0,268	276	249
4x185/95	62,2	6507,8	250	0,164 - 0,193	313	287
4x240/120	69,3	8111,9	250	0,125 - 0,153	362	339
4x300/150	77,4	10317,4	250	0,100 - 0,124	415	401
4x400/185	86,8	13020,5	250	0,0778 - 0,0991	474	468

Nominal Cross Section (mm ²)	Overall Diameter (mm)	Net Weight (kg/km)	Delivery Length (m)	Resistance at 20°C (ohm/km)	Current Carrying Capacity	
					In the Ground at 20°C	In the Air at 30°C
5x10/10	22,1	823,8	1000	3,08 - 1,83	-	-
5x16/16	25,5	1101,5	1000	1,91 - 1,15	-	-
5x25/16	30,0	1485,7	1000	1,20 - 1,15	103	83
5x35/16	33,4	1841,1	1000	0,868 - 1,15	123	101
5x50/25	38,2	2378,5	500	0,641 - 0,727	145	121
5x70/35	43,6	3172,3	500	0,443 - 0,524	180	155
5x95/50	49,9	4158,3	500	0,320 - 0,387	216	189
5x120/70	54,3	5044,4	250	0,253 - 0,268	246	220
5x150/70	61,6	6259,5	250	0,206 - 0,268	276	249
5x185/95	68,4	7760,6	250	0,164 - 0,193	313	287
5x240/120	76,7	9764,2	250	0,125 - 0,153	362	339
5x300/150	85,2	12308,7	250	0,100 - 0,124	415	401
5x400/185	96,0	15705,3	250	0,0778 - 0,0991	474	468

Note : Current carrying capacities are valid at 30°C ambient temperature.



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