

Code

RZC-YAXCV-NA2XCY

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

XLPE (Cross-linked Polyethylene)

Filler

PVC Filler

Armour

Copper Wire and Copper Tape

Sheath

PVC (Polyvinyl Chloride)

Technical Data

Max. Operating Temperature

90°C

Short Circuit Temperature

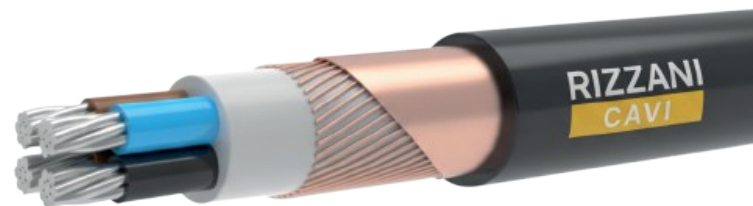
250°C (max.5 sec)

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. Suitable for comparatively high maximum permissible conductor temperature.

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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	11,8	275,5	1000	3,08 - 1,83	-	-
1x16/10	12,8	312,6	1000	1,91 - 1,83	-	-
1X16/16	13,6	371,0	1000	1,91 - 1,15	-	-
1x25/16	15,2	431,9	1000	1,20 - 1,15	116	112
1x35/16	16,2	484,1	1000	0,868 - 1,15	138	137
1x50/25	17,7	608,0	1000	0,641 - 0,727	164	169
1x70/35	19,8	805,8	1000	0,443 - 0,524	201	214
1x95/50	21,6	1015,7	1000	0,320 - 0,387	240	263
1x120/70	25,6	1460,5	1000	0,253 - 0,268	272	308
1x150/70	28,1	1629,2	1000	0,206 - 0,268	303	349
1x185/95	31,0	2064,3	1000	0,164 - 0,193	340	401
1x240/120	33,9	2533,7	500	0,125 - 0,153	387	469
1X300/150	40,4	3480,0	500	0,100 - 0,124	430	535

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	16,9	483,9	1000	3,08 - 1,83	-	-
2x16/10	18,9	592,0	1000	1,91 - 1,83	-	-
2x25/16	22,8	840,8	1000	1,20 - 1,15	113	104
2x35/16	24,9	1001,5	1000	0,868 - 1,15	136	128
2x50/25	28,0	1289,1	500	0,641 - 0,727	159	152
2x70/35	32,3	1764,1	500	0,443 - 0,524	197	194
2x95/50	36,3	2277,4	500	0,320 - 0,387	236	239
2x120/70	40,3	2872,2	500	0,253 - 0,268	269	278
2x150/70	45,7	3505,1	500	0,206 - 0,268	302	316
2x185/95	50,9	4421,6	500	0,164 - 0,193	342	365
2x240/120	56,8	5519,7	500	0,125 - 0,153	397	430



ISTITUTO ITALIANO DEL MARCHIO DI QUALITÀ

RIZZANI

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
3x10/10	17,7	523,7	1000	3,08 - 1,83	-	-
3x16/10	19,8	644,7	1000	1,91 - 1,83	-	-
3x25/16	24,0	920,5	1000	1,20 - 1,15	113	104
3x35/16	26,3	1112,3	1000	0,868 - 1,15	136	128
3x50/25	29,6	1435,0	500	0,641 - 0,727	159	152
3x70/35	34,9	2006,7	500	0,443 - 0,524	197	194
3x95/50	38,7	2551,4	500	0,320 - 0,387	236	239
3x120/70	42,8	3197,0	500	0,253 - 0,268	269	278
3x150/70	48,7	3923,2	250	0,206 - 0,268	302	316
3x185/95	54,2	4924,6	250	0,164 - 0,193	342	365
3x240/120	60,6	6172,5	250	0,125 - 0,153	397	430
3x300/150	67,0	7655,7	250	0,100 - 0,124	454	506

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	20,8	704,2	500	1,91 - 3,08 - 1,83	-	-
3x25+16/16	25,0	1003,7	500	1,20 - 1,91 - 1,15	-	-
3x35+16/16	27,0	1173,1	500	0,868 - 1,91 - 1,15	113	104
3x50+25/25	30,8	1541,7	500	0,641 - 1,20 - 0,727	136	128
3x70+35/35	36,0	2136,0	500	0,443 - 0,868 - 0,524	159	152
3x95+50/50	40,1	2718,4	500	0,320 - 0,641 - 0,387	197	194
3x120+70/70	45,5	3541,5	250	0,253 - 0,443 - 0,268	236	239
3x150+70/70	50,1	4111,0	250	0,206 - 0,443 - 0,268	269	278
3x185+95/95	56,2	5276,3	250	0,164 - 0,320 - 0,193	302	316
3x240+120/120	62,3	6500,2	250	0,125 - 0,253 - 0,153	342	365
3x300+150/150	69,3	8102,8	250	0,100 - 0,206 - 0,124	397	430
3x400+185/185	78,3	10413,1	250	0,0778 - 0,164 - 0,0991	454	506



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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
4x10/10	19,1	598,2	1000	3,08 - 1,83	-	-
4x16/16	22,2	813,4	1000	1,91 - 1,15	-	-
4x25/16	26,0	1061,7	1000	1,20 - 1,15	113	104
4x35/16	28,7	1306,7	1000	0,868 - 1,15	136	128
4x50/25	32,8	1733,5	500	0,641 - 0,727	159	152
4x70/35	38,2	2366,0	500	0,443 - 0,524	197	194
4x95/50	42,5	3014,7	500	0,320 - 0,387	236	239
4x120/70	47,4	3850,0	250	0,253 - 0,268	269	278
4x150/70	53,6	4653,5	250	0,206 - 0,268	302	316
4x185/95	60,2	5926,7	250	0,164 - 0,193	342	365
4x240/120	66,7	7314,1	250	0,125 - 0,153	397	430
4x300/150	73,9	9110,6	250	0,100 - 0,124	454	506
4x400/185	83,7	11750,1	250	0,0778 - 0,0991	520	575
4x150/50	53,1	4438,9	250	0,206 - 0,387	302	316
4x120/35	46,6	3532,0	250	0,253 - 0,524	269	278
4x240/70	65,8	6805,8	250	0,125 - 0,268	397	430
4x185/70	59,6	5665,1	250	0,164 - 0,268	342	365

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	20,5	684,1	1000	3,08 - 1,83	-	-
5x16/16	23,9	937,8	1000	1,91 - 1,15	-	-
5x25/16	28,3	1263,7	1000	1,20 - 1,15	113	104
5x35/16	31,3	1571,5	500	0,868 - 1,15	136	128
5x50/25	35,9	2073,8	500	0,641 - 0,727	159	152
5x70/35	41,9	2845,7	500	0,443 - 0,868	197	194
5x95/50	47,0	3707,0	250	0,320 - 0,387	236	239
5x120/70	52,0	4616,9	250	0,253 - 0,268	269	278
5x150/70	59,3	5733,0	250	0,206 - 0,268	302	316
5x185/95	66,1	7171,3	250	0,164 - 0,193	342	365
5x240/120	73,4	8877,2	250	0,125 - 0,153	397	430
5x300/150	81,7	11177,2	250	0,100 - 0,124	454	506
5x400/185	92,2	14327,6	250	0,0778 - 0,0991	520	575

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