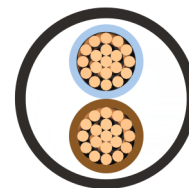
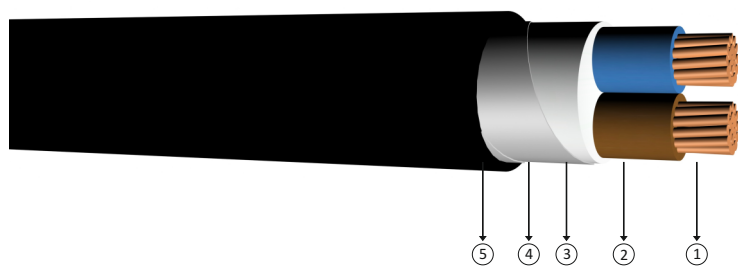




0.6/1 kV PVC Insulated, double steel tape armoured, multi-core cables with copper conductor



Code: YVZ4V-U, YVZ4V-R, CU/PVC/DSTA/PVC, NYBY

U: Solid Conductor
R: Stranded Conductor Rigid

Standards: IEC 60502 - 1

Technical Data

Max. operating temperature : 70 °C
Max. short circuit temperature : 160 °C (max. 5 sec.)
Rated voltage : 0.6/1 kV
Min. bending radius : 15 x D
D : Cable outer diameter

Application

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

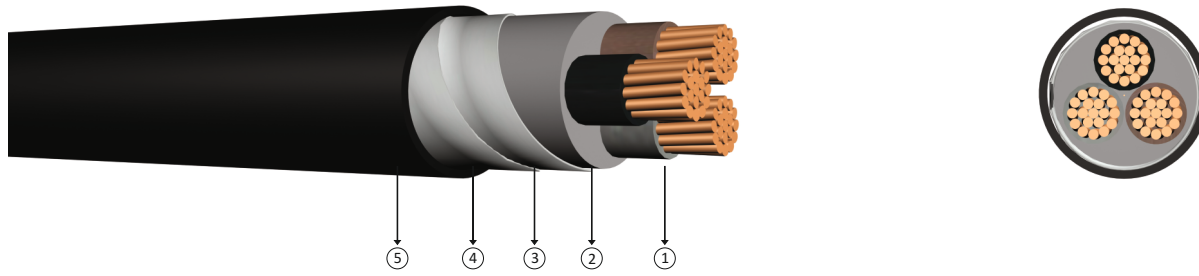
Construction

- 1 Solid or stranded copper conductor
- 2 PVC insulation
- 3 Filler
- 4 Galvanized double steel tape
- 5 PVC outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
2x1,5	12,5	290	1000	12,1	32	20
2x2,5	13,5	340	1000	7,41	42	27
2x4	15,5	440	1000	4,61	54	37
2x6	16,0	500	1000	3,08	68	48
2x10	18,5	700	1000	1,83	90	66
2x16	20,5	900	1000	1,15	116	89
2x25	24,3	1200	1000	0,727	150	118
2x35	25,5	1500	1000	0,524	181	145
2x50	29,0	1950	1000	0,387	215	176
2x70	32,0	2550	1000	0,268	264	224
2x95	37,0	3400	500	0,193	317	271
2x120	41,5	4400	500	0,153	360	314
2x150	45,0	5300	500	0,124	406	361
2x185	50,0	6450	500	0,0991	458	412

Note : Current carrying capacities are valid under the following conditions;
In ground : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
In air : 30 °C, load factor 1.0
Number of system : 1

0.6/1 kV PVC Insulated, double steel tape armoured, multi-core cables with copper conductor



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U: Solid Conductor
R: Stranded Conductor Rigid

Standards: IEC 60502 - 1

Technical Data

Max. operating temperature : 70 °C
 Max. short circuit temperature : (max. 5 sec.)
 Cross section < 300 mm² : 160 °C
 Cross section > 300 mm² : 140 °C
 Rated voltage : 0.6/1 kV
 Min. bending radius : 15 x D
 D : Cable outer diameter

Application

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

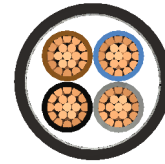
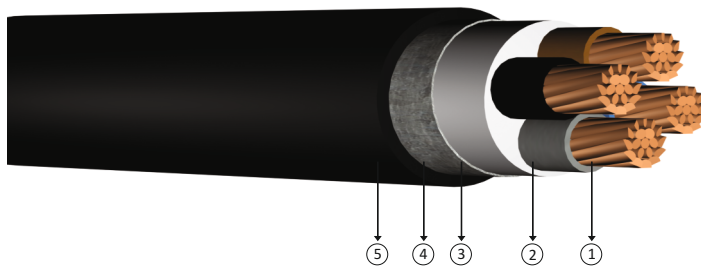
Construction

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- 2 PVC insulation
- 3 Filler
- 4 Galvanized double steel tape
- 5 PVC outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
3x1,5	13,0	320	1000	12,1	26	18.5
3x2,5	14,0	380	1000	7,41	34	25
3x4	16,0	500	1000	4,61	44	34
3x6	17,0	600	1000	3,08	56	43
3x10	19,5	800	1000	1,83	75	60
3x16	21,5	1050	1000	1,15	98	80
3x25	25,0	1500	1000	0,727	128	106
3x35	27,0	1850	1000	0,524	157	131
3x50	31,0	2450	1000	0,387	185	159
3x70	35,0	3300	1000	0,268	228	202
3x95	40,5	4650	1000	0,193	275	244
3x120	44,0	5600	500	0,153	313	282
3x150	48,5	6800	500	0,124	353	324
3x185	53,5	8300	500	0,0991	399	371
3x240	60,5	10600	250	0,0754	464	436
3x300	68,0	13000	250	0,0601	524	481
3x400	77,0	17000	250	0,0470	600	560

Note
 In ground : Current carrying capacities are valid under the following conditions;
 : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
 In air : 30 °C, load factor 1.0
 Number of system : 1

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Technical Data

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 Cross section < 300 mm² : 160 °C
 Cross section > 300 mm² : 140 °C
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 Min. bending radius : 15 x D
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Application

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DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
4x1,5	14,0	360	1000	12,1	26	18.5
4x2,5	15,0	440	1000	7,41	34	25
4x4	17,0	580	1000	4,61	44	34
4x6	18,0	700	1000	3,08	56	43
4x10	21,0	980	1000	1,83	75	60
4x16	23,5	1300	1000	1,15	98	80
4x25	27,0	1850	1000	0,727	128	106
4x35	29,5	2350	1000	0,524	157	131
4x50	34,0	3100	1000	0,387	185	159
4x70	39,0	4450	1000	0,268	228	202
4x95	44,5	5800	500	0,193	275	244
4x120	49,0	7100	500	0,153	313	282
4x150	53,5	8600	500	0,124	353	324
4x185	59,0	10500	250	0,0991	399	371
4x240	67,0	13400	250	0,0754	464	436
4x300	75,5	16600	250	0,0601	524	481
4x400	85,5	21650	250	0,0470	600	560

Note : Current carrying capacities are valid under the following conditions;
 In ground : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
 In air : 30 °C, load factor 1.0
 Number of system : 1