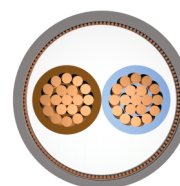
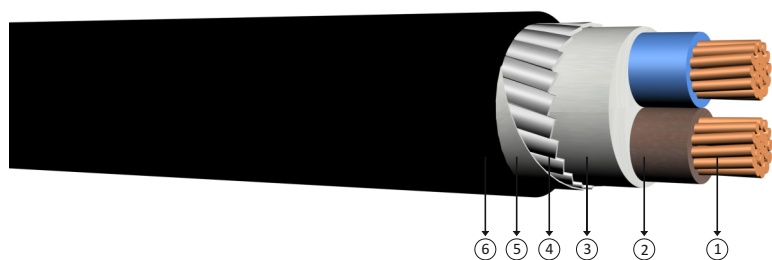




0.6/1 kV PVC Insulated, flat steel wire armoured, multi-core cables with copper conductor



Code: YVZ3V-R, NYFGY

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.

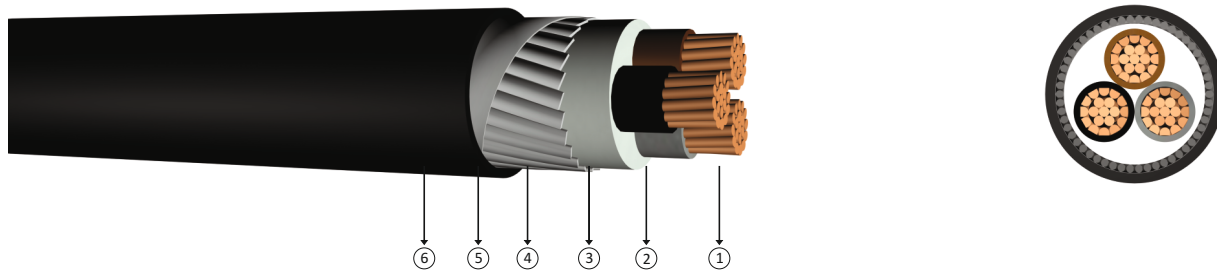
Construction

- 1 Stranded copper conductors
- 2 PVC insulation
- 3 Filler
- 4 Galvanized flat steel wire
- 5 Galvanized steel binding strap
- 6 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
2x16	21,5	1180	1000	1,15	116	89
2x25	24,5	1450	1000	0,727	150	118
2x35	26,5	1750	1000	0,524	181	145
2x50	30,0	2200	1000	0,387	215	176
2x70	34,0	2850	1000	0,268	264	224
2x95	38,0	3700	1000	0,193	317	271
2x120	41,5	4450	1000	0,153	360	314
2x150	45,0	5350	1000	0,124	406	361
2x185	50,0	6500	500	0,0991	458	412
2x240	56,5	8200	500	0,0754	537	484
2x300	64,0	10300	500	0,0601	604	556

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, flat steel wire armoured, multi-core cables with copper conductor



Code: YVZ3V-R, NYFGY

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.

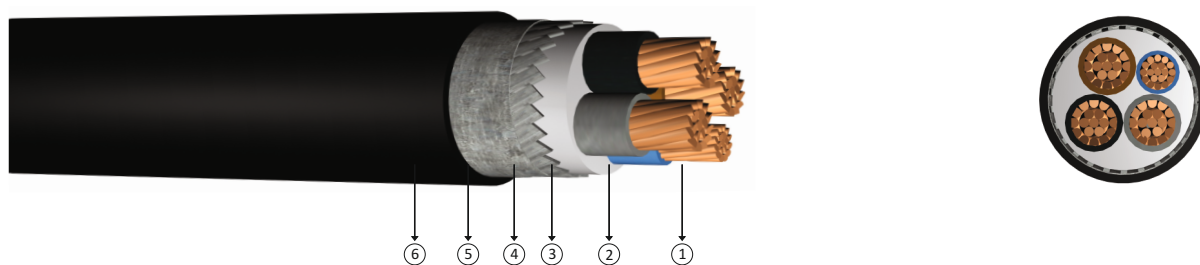
Construction

- 1 Stranded copper conductor
- 2 PVC insulation
- 3 Filler
- 4 Galvanized flat steel wire
- 5 Galvanized steel binding strap
- 6 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
3x16	23,0	1250	1000	1,15	98	80
3x25	26,0	1700	1000	0,727	128	106
3x35	28,0	2100	1000	0,524	157	131
3x50	32,0	2750	1000	0,387	185	159
3x70	36,0	3600	1000	0,268	228	202
3x95	41,0	4700	1000	0,193	275	244
3x120	44,5	5650	500	0,153	313	282
3x150	49,0	6900	500	0,124	353	324
3x185	54,0	8350	500	0,0991	399	371
3x240	61,0	10700	250	0,0754	464	436
3x300	69,0	13200	250	0,0601	524	481
3x400	77,0	17150	250	0,0470	600	560

Note : Current carrying capacities are valid under the following conditions;
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0.6/1 kV PVC Insulated, flat steel wire armoured, multi-core cables with copper conductor



Code: YVZ3V-R, NYFGY

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 mm ²	: 160 °C
Cross section > 300 mm ²	: 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.

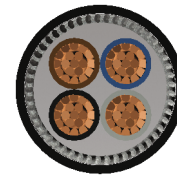
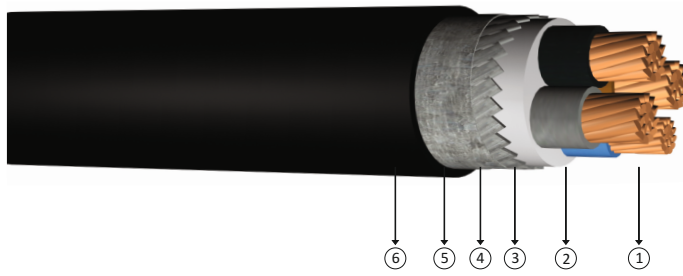
Construction

- ① Stranded copper conductors
- ② PVC insulation
- ③ Filler
- ④ Galvanized flat steel wire
- ⑤ Galvanized steel binding strap
- ⑥ 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
3x16+10	24,0	1450	1000	1,15	98	80
3x25+16	27,5	2000	1000	0,727	128	106
3x35+16	29,5	2300	1000	0,524	157	131
3x50+25	33,5	3050	1000	0,387	185	159
3x70+35	37,5	4000	1000	0,268	228	202
3x95+50	43,0	5250	1000	0,193	275	244
3x120+70	47,5	6500	500	0,153	313	282
3x150+70	50,5	7600	500	0,124	353	324
3x185+95	56,0	9400	500	0,0991	399	371
3x240+120	63,0	11900	250	0,0754	464	436
3x300+150	70,0	14600	250	0,0601	524	481
3x400+185	79,0	18900	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

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



Code: YVZ3V-R, NYFGY

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Standards: IEC 60502 - 1

Technical Data

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 Cross section < 300 mm² : 160 °C
 Cross section > 300 mm² : 140 °C
 Rated voltage : 0.6/1 kV
 Min. bending radius : 15 x D

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 Stranded copper conductors
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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
4x10	22,0	1150	1000	1,83	75	60
4x16	24,5	1500	1000	1,15	98	80
4x25	28,0	2050	1000	0,727	128	106
4x35	31,0	2600	1000	0,524	157	131
4x50	35,0	3450	1000	0,387	185	159
4x70	39,5	4500	1000	0,268	228	202
4x95	45,0	5850	500	0,193	275	244
4x120	49,0	7150	500	0,153	313	282
4x150	54,0	8700	500	0,124	353	324
4x185	59,5	10650	500	0,0991	399	371
4x240	67,0	13550	250	0,0754	464	436
4x300	76,0	16750	250	0,0601	524	481
4x400	85,5	21850	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