

**// Application**

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

**// Construction**

1. Stranded copper conductor.
2. PVC insulation.
3. Filter.
4. Galvanized flat steel wire.
5. Galvanized steel binding tape.
6. PVC outer sheath.

**// Cable Summary**

Max. operating temperature : 70°C  
Max. short circuit temperature :

Cross section < 300 mm : 160°C (max. 5 sec.)  
Cross section > 300 mm : 140°C (max. 5 sec.)

Rated voltage : 0.6/1 kV  
Min. bending radius : 12 x D

D: Cable outer diameter

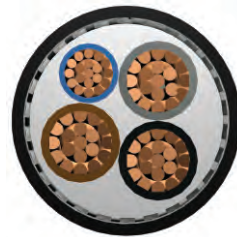
**// Standards**

IEC 60502 | VDE 0271

**// Code**

YVZ4V-R | CU/PVC/SWA/PVC | NYBY

U: Solid Conductor  
R: Stranded conductor



Electrical Properties					Dimensions & Weights			
DC Conductor Resistance @ 20 °C	Current Carrying Capacity				Nominal Cross Section	Overall Dia. (approx.)	Net Weight (approx.)	Delivery Length
	ohm/km	in Ground @ 20 °C	in Air @ 20 °C	in Ground @ 30 °C				
1.1500	98	-	-	80	3x16+10	24.0	1450	1000
0.7270	128	-	-	106	3x25+16	27.5	2000	1000
0.5240	157	-	-	131	3x35+16	29.5	2300	1000
0.3870	185	-	-	159	3x50+25	33.5	3050	1000
0.2680	228	-	-	202	3x70+35	37.5	4000	1000
0.1930	275	-	-	244	3x95+50	43.0	5250	1000
0.1530	313	-	-	282	3x120+70	47.5	6500	500
0.1240	358	-	-	324	3x150+70	50.5	7600	500
0.0991	399	-	-	371	3x185+95	56.0	9400	500
0.0754	464	-	-	436	3x240+120	63.0	11900	250
0.0601	524	-	-	481	3x300+150	70.0	14600	250
0.0470	600	-	-	560	3x400+185	79.0	18900	250
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Laying / Installation method:

Linear | ○○○  
Triangular | ○○○

