

// 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

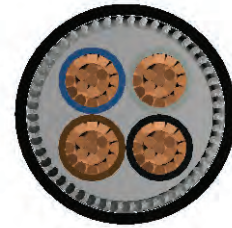
// Standards

IEC 60502 | VDE 0271

// Code

YVZ3V-R | CU/PVC/SWA/PVC | NYFGbY

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				
1.8300	75	-	-	60	4x10	22.0	1150	1000
1.1500	98	-	-	80	4x16	24.5	1500	1000
0.7270	128	-	-	106	4x25	28.0	2050	1000
0.5240	157	-	-	131	4x35	31.0	2600	1000
0.3870	185	-	-	159	4x50	35.0	3450	1000
0.2680	225	-	-	202	4x70	39.5	4500	1000
0.1930	275	-	-	244	4x95	45.0	5850	500
0.1530	313	-	-	282	4x120	49.0	7150	500
0.1240	353	-	-	324	4x150	54.0	8700	500
0.0991	399	-	-	371	4x185	59.5	10650	500
0.0754	464	-	-	436	4x240	67.0	13550	250
0.0601	524	-	-	481	4x300	76.0	16750	250
0.0470	600	-	-	560	4x400	85.5	21850	250
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Laying / Installation method:

- Linear | ○○○
- Triangular | ○○○

