

// 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. Solid or stranded copper conductor.
2. PVC insulation.
3. Filter
4. Galvanized round steel wires.
5. Polyester tape.
4. 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-U | YVZ4V-R | CU/PVC/STA/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				
12.1000	26	-	-	18.5	3x1.5	13.0	320	1000
7.4100	34	-	-	25	3x2.5	14.0	380	1000
4.6100	44	-	-	34	3x4	16.0	500	1000
3.0800	56	-	-	43	3x6	17.0	600	1000
1.8300	75	-	-	60	3x10	19.5	800	1000
1.1500	98	-	-	80	3x16	21.5	1050	1000
0.7270	128	-	-	106	3x25	25.0	1500	1000
0.5240	157	-	-	131	3x35	27.0	1850	1000
0.3870	185	-	-	159	3x50	31.0	2450	1000
0.2680	228	-	-	202	3x70	35.0	3300	1000
0.1930	275	-	-	244	3x95	40.5	4650	1000
0.1530	313	-	-	282	3x120	44.0	5600	500
0.1240	353	-	-	324	3x150	48.5	6800	500
0.0991	399	-	-	371	3x185	53.5	8300	500
0.0754	464	-	-	436	3x240	60.5	10600	250
0.0601	524	-	-	481	3x300	68.0	13000	250
0.0470	600	-	-	560	3x400	77.0	17000	250
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-



Laying / Installation method:

Linear |
 Triangular |

