

// 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

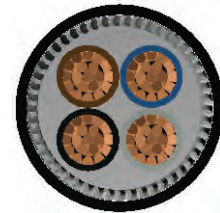
// Standards

IEC 60502 | VDE 0271 | BS 6346

// Code

YVZ2V-U | YVZ2V-R | CU/PVC/SWA/PVC | NYRY

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 Duct @ 20 °C	in Air @ 30 °C				
12.1000	26	-	-	18.5	4x1.5	15.0	400	1000
7.4100	34	-	-	25	4x2.5	15.5	480	1000
4.6100	44	-	-	34	4x4	18.5	770	1000
3.0800	56	-	-	43	4x6	20.0	900	1000
1.8300	75	-	-	60	4x10	23.0	1200	1000
1.1500	98	-	-	80	4x16	26.0	1700	1000
0.7270	128	-	-	106	4x25	29.5	2300	1000
0.5240	157	-	-	131	4x35	32.5	2870	1000
0.3870	185	-	-	159	4x50	37.5	4000	1000
0.2680	228	-	-	202	4x70	41.5	5150	500
0.1930	275	-	-	244	4x95	48.0	7050	500
0.1530	313	-	-	282	4x120	52.5	8450	500
0.1240	353	-	-	324	4x150	57.0	10050	250
0.0991	399	-	-	371	4x185	63.0	12150	250
0.0754	464	-	-	436	4x240	70.5	15300	250
0.0601	524	-	-	481	4x300	79.0	18700	250
0.0470	600	-	-	560	4x400	90.0	25000	250
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-



Laying / Installation method:

- Linear | ○○○
- Triangular | ○○

