

// Application

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is no risk of mechanical damage.

// Construction

1. Solid or stranded copper conductor.
2. PVC insulation.
3. Filter
4. PVC outer jacket.

// 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

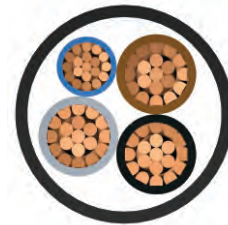
// Standards

IEC 60502 | VDE 0276

// Code

YV-R | CU/PVC/PVC | NYV

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				
1.1500	98	-	-	80	3x16+10	21.5	970	1000
0.7270	128	-	-	106	3x25+16	25.0	1400	1000
0.5240	157	-	-	131	3x35+16	27.0	1750	1000
0.3870	158	-	-	159	3x50+25	31.0	2400	1000
0.2680	228	-	-	202	3x70+35	35.0	3300	1000
0.1930	275	-	-	244	3x95+50	40.0	4400	1000
0.1530	313	-	-	282	3x120+70	44.5	5550	500
0.1240	353	-	-	324	3x150+70	48.0	6550	500
0.0991	399	-	-	371	3x185+95	53.0	8200	500
0.0754	464	-	-	436	3x240+120	60.5	10600	500
0.0601	524	-	-	481	3x300+150	68.0	13100	250
0.0470	600	-	-	560	3x400+185	76.0	17000	250
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Laying / Installation method:

- Linear | ○○○
- Triangular | ○○○

