

**// Application**

These cables have low dielectric loss. Used in indoor and outdoor applications, 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. XLPE insulation.
3. Filter.
4. PVC outer jacket.

**// Cable Summary**

Max. operating temperature	: 90°C
Max. short circuit temperature	: 250°C (max. 5 sec.)
Rated voltage	: 0.6/1 kV
Min. bending radius	: 12x D

D = Cable outer diameter

**// Standards**

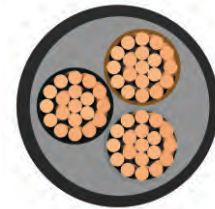
IEC 60502 | VDE 0276

**// Code**

YXV-U | YXV-R | CU/XLPE/PVC | N2XY

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	30	-	-	24	3x1.5	11.5	180	1000
7.4100	40	-	-	32	3x2.5	12.5	230	1000
4.6100	52	-	-	42	3x4	13.5	300	1000
3.0800	64	-	-	53	3x6	14.5	370	1000
1.8300	86	-	-	73	3x10	17.0	550	1000
1.1500	111	-	-	96	3x16	19.0	700	1000
0.7270	143	-	-	130	3x25	22.5	1150	1000
0.5240	173	-	-	160	3x35	24.5	1500	1000
0.3870	205	-	-	195	3x50	27.5	1950	1000
0.2680	252	-	-	247	3x70	32.0	2750	1000
0.1930	303	-	-	30	3x95	36.0	3600	1000
0.1530	346	-	-	355	3x120	40.0	4500	1000
0.1240	390	-	-	407	3x150	44.5	5600	500
0.0991	441	-	-	469	3x185	49.0	6950	500
0.0754	511	-	-	551	3x240	56.0	9000	500
0.0601	580	-	-	638	3x300	63.0	11200	250
0.0470	663	-	-	746	3x400	72.0	14750	250
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-



Laying / Installation method:

Linear | ○○○  
Triangular | ○○○

