

// 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 risk of mechanical damage.

// Construction

1. Solid or stranded copper conductor.
2. XLPE insulation.
3. PVC inner sheath.
4. Galvanized round steel wires.
5. Polyester tape.
6. 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	: 15x D

D = Cable outer diameter

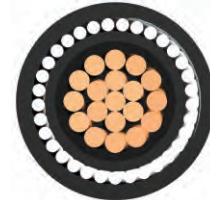
// Standards

IEC 60502 | BS 5467

// Code

YXZ2V-U | YXZ2V-R | CU/XLPE/SWA/PVC | N2XRY

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	39	32	32	25	1x1.5	10.5	200	1000
7.4100	51	43	42	34	1x2.5	11.0	220	1000
4.6100	66	55	56	44	1x4	11.5	250	1000
3.0800	82	68	71	57	1x6	12.0	280	1000
1.8300	109	90	96	77	1x10	13.0	350	1000
1.1500	139	115	128	102	1x16	14.0	450	1000
0.7270	179	149	173	139	1x25	15.5	550	1000
0.5240	213	178	212	170	1x35	17.5	800	1000
0.3870	251	211	258	208	1x50	19.0	1000	1000
0.2680	307	259	328	265	1x70	20.5	1250	1000
0.1930	366	310	404	326	1x95	23.0	1700	1000
0.1530	416	352	471	381	1x120	25.0	2000	1000
0.1240	465	396	541	438	1x150	26.5	2350	1000
0.0991	526	449	626	507	1x185	28.5	2800	1000
0.0754	610	521	749	606	1x240	31.5	3450	1000
0.0601	689	587	864	697	1x300	36.0	4400	1000
0.0470	788	669	1018	816	1x400	39.5	5500	500
0.0366-	889	748	1173	933	1x500	44.5	6750	500
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Laying / Installation method:

Linear | ○○○
Triangular | ○○○

