

// 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. Filter.
4. Galvanized round steel wires.
5. Polyester tape.
6. PVC outer sheath.

// 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

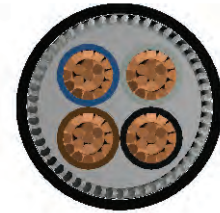
// Standards

IEC 60502 | BS 5467

// Code

YXZ2V-U | YXZ2V-R | CU/XLPE/SWA/PVC | N2XR4Y

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	4x1.5	14.0	380	1000
7.4100	40	-	-	32	4x2.5	15.0	440	1000
4.6100	52	-	-	42	4x4	16.0	550	1000
3.0800	64	-	-	53	4x6	18.5	800	1000
1.8300	86	-	-	73	4x10	21.0	1100	1000
1.1500	111	-	-	96	4x16	24.0	1550	1000
0.7270	143	-	-	130	4x25	28.0	2150	1000
0.5240	173	-	-	160	4x35	30.5	2700	1000
0.3870	205	-	-	195	4x50	34.0	3400	1000
0.2680	252	-	-	247	4x70	40.0	4850	1000
0.1930	303	-	-	305	4x95	44.0	6150	500
0.1530	346	-	-	355	4x120	50.5	8000	500
0.1240	390	-	-	407	4x150	55.0	9600	500
0.0991	441	-	-	469	4x185	60.5	11570	250
0.0754	511	-	-	551	4x240	38.0	14550	250
0.0601	580	-	-	638	4x300	76.0	17750	250
0.0470	663	-	-	746	4x400	87.0	23800	200
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-



Laying / Installation method:

Linear |
 Triangular |

