

// 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. 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

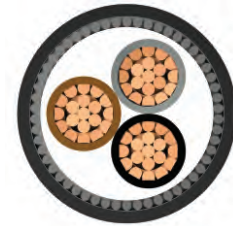
IEC 60502 | BS 5467



// 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	3x1.5	13.5	330	1000
7.4100	40	-	-	32	3x2.5	14.0	390	1000
4.6100	52	-	-	42	3x4	15.5	470	1000
3.0800	64	-	-	53	3x6	16.5	550	1000
1.8300	86	-	-	73	3x10	20.0	950	1000
1.1500	111	-	-	96	3x16	22.0	1200	1000
0.7270	143	-	-	130	3x25	26.0	1800	1000
0.5240	173	-	-	160	3x35	28.0	2200	1000
0.3870	205	-	-	195	3x50	31.0	2800	1000
0.2680	252	-	-	247	3x70	36.5	4000	1000
0.1930	303	-	-	30	3x95	40.5	5000	250
0.1530	346	-	-	355	3x120	44.5	6050	250
0.1240	390	-	-	407	3x150	50.0	7750	500
0.0991	441	-	-	469	3x185	55.0	9300	500
0.0754	511	-	-	551	3x240	61.5	11650	250
0.0601	580	-	-	638	3x300	69.0	14000	250
0.0470	663	-	-	746	3x400	77.0	18000	250
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-



Laying / Installation method:

- Linear | 
- Triangular | 