

// Application

Used as control cable, 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. Solid or stranded copper conductor.
2. XLPE insulation.
3. Filter
4. Galvanized round steel wires.
5. Polyester tape.
6. PVC outer jacket.

// Cable Summary

Max. operating temperature	: 70°C
Max. short circuit temperature	: 160°C (max. 5 sec.)
Rated voltage	: 0.6/1 kV
Min. bending radius	: 12 x 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				
12.100	21.0	-	-	18.0	5x1.5	15.0	420	1000
12.100	19.5	-	-	16.8	6x1.5	15.5	470	1000
12.100	18.0	-	-	15.6	7x1.5	15.5	480	1000
12.100	16.5	-	-	14.4	8x1.5	18.0	670	1000
12.100	15.0	-	-	13.2	10x1.5	19.5	800	1000
12.100	14.3	-	-	12.6	12x1.5	20.0	850	1000
12.100	13.5	-	-	12.0	14x1.5	20.5	900	1000
12.100	12.8	-	-	11.4	16x1.5	21.5	950	1000
12.100	12.0	-	-	10.8	19x1.5	22.0	1050	1000
12.100	11.3	-	-	10.2	21x1.5	24.0	1300	1000
12.100	10.5	-	-	9.6	24x1.5	25.5	1450	1000
12.100	10.2	-	-	9.4	27x1.5	26.0	1500	1000
12.100	9.9	-	-	9.1	30x1.5	27.0	1600	1000
12.100	9.3	-	-	8.6	37x1.5	28.5	1800	1000
12.100	9.0	-	-	8.4	40x1.5	29.5	1950	1000
12.100	8.4	-	-	7.9	48x1.5	32.0	2250	1000
12.100	7.8	-	-	7.4	52x1.5	32.5	2350	1000
12.100	7.5	-	-	7.2	61x1.5	35.5	2900	1000
-	-	-	-	-	-	-	-	-



Laying / Installation method:

Linear | ○○○
Triangular | ○○

