

// 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				
7.410	28.0	-	-	24.0	5x2.5	16.0	500	1000
7.410	26.0	-	-	22.4	6x2.5	17.5	700	1000
7.410	24.0	-	-	20.8	7x2.5	18.0	700	1000
7.410	22.0	-	-	19.2	8x2.5	19.0	800	1000
7.410	20.0	-	-	17.6	10x2.5	21.0	950	1000
7.410	19.0	-	-	16.8	12x2.5	21.5	1050	1000
7.410	18.0	-	-	16.0	14x2.5	22.0	1100	1000
7.410	17.0	-	-	15.2	16x2.5	24.0	1350	1000
7.410	16.0	-	-	14.4	19x2.5	25.0	1450	1000
7.410	15.0	-	-	13.6	21x2.5	26.0	1600	1000
7.410	14.0	-	-	12.8	24x2.5	28.0	1850	1000
7.410	13.6	-	-	12.5	27x2.5	28.5	1900	1000
7.410	13.2	-	-	12.2	30x2.5	29.5	2050	1000
7.410	12.4	-	-	11.5	37x2.5	31.5	2300	1000
7.410	12.0	-	-	11.2	40x2.5	32.5	2500	1000
7.410	11.2	-	-	10.6	48x2.5	36.5	3200	1000
7.410	10.4	-	-	9.9	52x2.5	37.5	3400	1000
7.410	10.0	-	-	9.6	61x2.5	39.5	3750	1000
-	-	-	-	-	-	-	-	-



Laying / Installation method:

- Linear | ○○○
- Triangular | ○○

