

// 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. PVC insulation.
3. Filter.
4. Galvanized round steel wires.
5. Polyester tape.
4. 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 | VDE 0271 | BS 6346

// Code

YVZ2V-U | YVZ2V-R | CU/PVC/SWA/PVC | NYRY

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	23.8	-	-	18.8	5x2.5	16.5	550	1000
7.410	22.1	-	-	17.5	6x2.5	18.5	750	1000
7.410	20.4	-	-	16.3	7x2.5	19.0	760	1000
7.410	18.7	-	-	15.0	8x2.5	20.0	880	1000
7.410	17.0	-	-	13.8	10x2.5	22.0	1050	1000
7.410	16.2	-	-	13.1	12x2.5	22.5	1100	1000
7.410	15.3	-	-	12.5	14x2.5	24.0	1350	1000
7.410	14.5	-	-	11.9	16x2.5	25.0	1500	1000
7.410	13.6	-	-	11.3	19x2.5	26.0	1600	1000
7.410	12.9	-	-	10.8	21x2.5	27.0	1750	1000
7.410	11.9	-	-	10.0	24x2.5	29.5	2000	1000
7.410	11.6	-	-	9.7	27x2.5	30.0	2100	1000
7.410	11.2	-	-	9.4	30x2.5	31.0	2250	1000
7.410	10.6	-	-	9.1	37x2.5	33.0	2600	1000
7.410	10.2	-	-	8.8	40x2.5	35.0	3000	1000
7.410	9.5	-	-	8.3	48x2.5	38.5	3550	1000
7.410	8.9	-	-	7.8	52x2.5	39.5	3700	1000
7.410	8.5	-	-	7.5	61x1.5	41.5	4150	1000
-	-	-	-	-	-	-	-	-



Laying / Installation method:

Linear | ○○○
Triangular | ○○○

