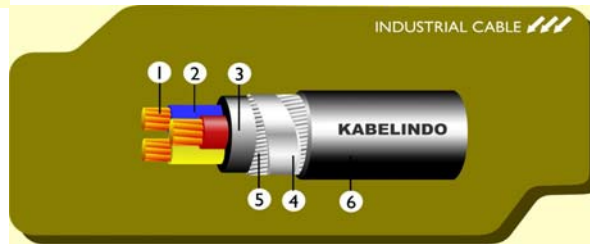


**N2XRGbY & N2XFGbY - 0.6 / 1 kV**

Copper Conductor, XLPE Insulated, Zinc-Coated Round St.Wire & Flat St.Wire Armoured, PVC Sheathed



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruded XLPE
- 3. Filler : Extruded PVC
- 4/5. Armour : Galvanized Round / Flat Steel and tape
- 6. Sheath : Extruded PVC

**LOW VOLTAGE XPLE INSULATED ARMOURED CABLE**

**TECHNICAL DATA**

Spec Specification : IEC 502

APL Used for indoor and outdoor installation , direct burial.

Cu Conductor Shape : re = Circular Solid  
rm = Circular Stranded

dcv AC Test Voltage : 42 kV for 5 minute ( IEC )  
30 kV for 5 minute ( SPLN )

**DIMENSIONAL DATA**

**CONTROL CABLE 2.5 mm<sup>2</sup>**

SIZE (mm <sup>2</sup> )	No. Of Wire and shaped Of Conductor		Nominal Thickness			Approximately			Min. Bending Diameter (mm)	Std. Length per reel (m)
			Insulation (mm)	Round & Flat Steel Wire (mm)	Outer Sheath (mm)	Inner Sheathed Diameter (mm)	Overall Diameter (mm)	Net. Weight (kg / km)		
<b>N2XRGbY</b>										
6	1	re	0.70	1.00	1.80	11.80	18.00	641	290	500
	7	rm				12.50	19.00	679	310	
7	1	re				11.80	18.00	651	290	
	7	rm				12.50	19.00	690	310	
8	1	re				12.90	19.00	721	310	
	7	rm				13.70	20.00	764	330	
<b>N2XFGbY</b>										
10	1	re	0.70	0.80	1.80	15.90	22.00	830	360	500
	7	rm				16.90	23.00	987	380	
12	1	re				16.40	24.00	995	370	
	7	rm				17.50	24.00	1.056	390	
14	1	re				17.30	25.00	1.092	410	
	7	rm				18.40	25.00	1.158	410	
16	1	re				15.70	26.00	1.167	400	
	7	rm				19.40	26.00	1.237	420	
19	1	re				19.20	27.00	1.295	440	
	7	rm				20.50	27.00	1.371	440	
21	1	re				20.20	28.00	1.396	430	
	7	rm				21.50	28.00	1.481	460	
24	1	re				22.50	29.00	1.560	470	
	7	rm				24.00	31.00	1.681	500	
30	1	re				23.80	31.00	1.788	490	
	7	rm				25.50	32.00	1.920	520	
40	1	re				26.80	34.00	2.191	540	
	7	rm				28.60	36.00	2.346	570	
52	1	re				30.40	38.00	2.701	600	
	7	rm				32.60	40.00	2.880	640	
61 (*)	1	re				32.40	40.00	3.030	630	
	7	rm				34.70	43.00	3.239	670	

**ELECTRICAL DATA**

SIZE (mm <sup>2</sup> )	Resistance at 20°C		Conductor Short Circuit Current Capacity at :		
	Conductor Ohm/km	Insulation M.Ohm.km	0.1 sec kA	0.5 sec kA	1.0 sec kA
6	7.41	980	1.18	0.56	0.41
7					
8					
10		8.70			
12					
14					
16					
19					
21					
24					
30	8.70				
40					
52					
61					

