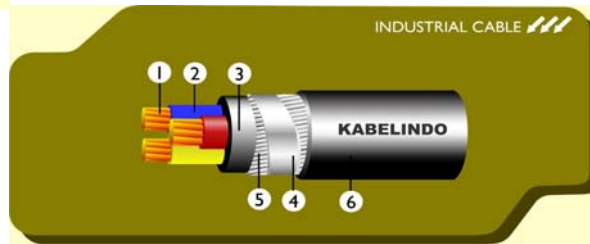


N2XRGbY & N2XFGbY - 0.6 / 1 kV

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 ARMURED 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

4 mm²

SIZE (mm ²)	No. Of Wire and shaped Of Conductor		Nominal Thickness			Approximately			Min. Bending Diameter	Std. Length per reel
			Insulation (mm)	Round & Flat Steel Wire (mm)	Outer Sheath (mm)	Inner Sheathed Diameter (mm)	Overall Diameter (mm)	Net. Weight (kg / km)		
N2XRGbY										
6	1	re	0.70	1.00	1.80	13.20	20.00	783	320	500
	7	rm				14.10	21.00	845	340	
7	1	re				13.20	20.00	806	320	
	7	rm				14.10	21.00	861	340	
N2XFGbY										
8	1	re	0.70	0.80	1.80	15.20	22.00	949	360	500
10	7	rm				16.30	23.00	1.013	380	
	1	re				17.80	24.00	1.135	400	
12	7	rm				19.10	26.00	1.209	430	
	1	re				18.40	25.00	1.257	410	
14	7	rm				19.80	26.00	1.335	440	
	1	re				19.40		1.360	420	
16	7	rm				20.80	27.00	1.447	450	
	1	re				20.40		1.493	440	
19	7	rm				22.00	1.90	1.950	470	
	1	re				21.60		1.672	460	
21	7	rm				23.20	2.00	1.781	490	
	1	re				22.70		1.810	480	
24	7	rm				24.50	34.00	1.926	510	
	1	re				25.30		2.029	520	
30	7	rm				21.0	2.10	2.183	560	
	1	re				20.0		2.374	550	
40	7	rm				21.0	2.20	2.522	590	
	1	re				30.20		2.938	600	
52	7	rm				32.70	2.30	3.142	650	
	1	re				34.50		3.649	670	
61 (*)	7	rm				37.40	2.40	3.908	720	
	1	re				36.80		4.155	710	
	7	rm				39.90	2.50	4.450	770	

ELECTRICAL DATA

SIZE (mm ²)	Resistance at 20°C		Conductor Short Circuit Current Capacity at :		
	Conductor r Ohm/km	Insulation Minimum M.Ohm.km	0.1 sec kA	0.5 sec kA	1.0 sec kA
6	4.61	722	1.87	0.87	0.64
7					
8					
10					
12					
14					
16					
19					
21					
24					
30					
40					
52					
61					

