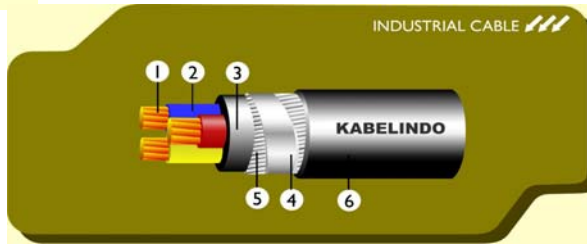


N2XRGbY & N2XFGbY - 0.6 / 1 kV

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 1.5 mm²

SIZE (mm ²)	No. Of Wire and shaped Of Conductor		Nominal Thickness			Approximately			Min. Bending Diameter (mm)	Std. Length per reel (m)				
	pcs	shape	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	10.60	17.00	537	270	500				
	7	rm				11.00	18.00	559	280					
7	1	re				10.60	17.00	545	270					
	7	rm				11.00	18.00	559	280					
8	1	re				11.70	18.00	599	290					
	7	rm				12.20	19.00	619	320					
10	1	re				13.70	20.00	712	320					
	7	rm				14.20	21.00	734	330					
12	1	re				14.10	21.00	765	320					
N2XFGbY														
12	7	rm				0.70	0.80	1.80	15.10		22.00	815	340	500
14	1	re							15.30			840		
	7	rm	15.90	885										
16	1	re	16.10	23.00	923				360					
	7	rm	16.70		941									
19	1	re	16.90	24.00	1.013				380					
	7	rm	17.60		1.031									
21	1	re	17.80	25.00	1.068				390					
	7	rm	18.50		1.113									
24	1	re	19.80	26.00	1.217				410					
	7	rm	20.60		1.240									
30	1	re	20.90	27.00	1.348				430					
	7	rm	21.80		1.402									
40	1	re	1.90	23.50	30.00				1.641	470				
	7	rm		24.50	31.00				1.702	490				
52	1	re	2.00	26.60	33.00				1.986	520				
	7	rm		27.80	35.00				2.054	540				
61 (*)	1	re	2.10	28.30	37.00				2.242	560				
	7	rm		29.50					2.289					

ELECTRICAL DATA

SIZE (mm ²)	Resistance at 20°C		Conductor Short Circuit Current Capacity at :		
	Conductor DC.max.	Insulation Minimum	0.1 sec	0.5 sec	1.0 sec
	Ohm/km	M.Ohm.km	kA	kA	kA
6	12.1	1.170	0.72	0.34	0.26
7					
8					
10					
12					
14					
16					
19					
21					
24					
30					
40					
52					
61					

