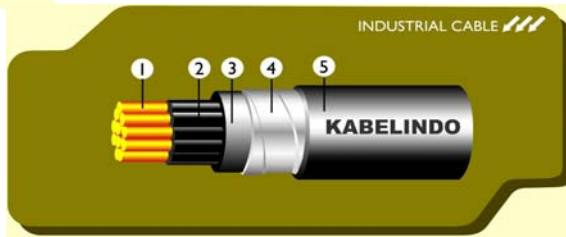


N2XBY - 0.6 / 1 kV

Copper Conductor, XLPE Insulated, Double Zinc-Coated Steel Tapes Armoured, PVC Sheathed



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruded XLPE
- 3. Filler : Extruded PVC
- 4. Armour : Double Galvanized Steel Tapes
- 5. Sheath : Extruded PVC

LOW VOLTAGE XPLE INSULATED ARMURED CABLE

TECHNICAL DATA

Spec Specification : IEC 502

APL Used for indoor and outdoor installation direct burial preferably use where considerable mechanical stress must be envisaged

Cu Conductor Shape : re = Circular Solid
rm = Circular Stranded
ACV AC Test Voltage : 42 kV for 5 minute (IEC)
30 kV for 5 minute (SPLN)

DIMENSIONAL DATA

CONTROL 1.5

SIZE	No. Of Wire and shaped Of Conductor		Nominal Thickness			Approximately			Min. Bending Diameter	Std. Length per reel
			Insulation	Steel Tape Armoured	Outer Sheath	Inner Sheathed Diameter	Overall Diameter	Net. Weight		
(mm ²)	pcs	shape	(mm)	(mm)	(mm)	(mm)	(mm)	(kg / km)	(mm)	(m)
6 (*)	1	re	0.70	0.20	1.80	12.00	17.00	449	270	500
	7	rm						457		
7	1	re						449		
	7	rm						448		
8	1	re						440		
	7	rm						438		
10	1	re						431		
	7	rm						462		
12	1	re						477		
	7	rm						505		
14	1	re				520				
	7	rm				557				
16	1	re				573				
	7	rm				620				
19	1	re				637				
	7	rm				673				
21	1	re				691				
	7	rm				766				
24	1	re				788				
	7	rm				893				
30	1	re	916							
	7	rm	1.116							
40	1	re	1.143							
	7	rm	420							
52	1	re	470							
	7	rm	1.400							
61 (*)	1	re	1.440							
	7	rm	1.601							
			1.601							
			1.644							
			500							

ELECTRICAL DATA

SIZE	Resistance at 20°C		Current Carrying Capacity at 30°C				Max.Short Circuit Current of Screen	Conductor Short Circuit Current Capacity at :		
	Conductor DC.max.	Insulation Minimum	In Ground		In Air			0.1 sec	0.5 sec	1.0 sec
			A	A	A	A				
(mm ²)	Ohm/km	M. Ohm.km					kA / Sec	kA	kA	kA
6	12.1	1.170	17	13				0.72	0.34	0.26
7			16	11						
8										
10			14	10						
12										
14			11	9						
16										

Tabel Low Voltage XPEL Insulated Armoured Cable Hal 6.xls

19	12.1	1.110	10		8			0.12	0.34	0.20
21										
24			9		7					
30										
40			8		6					
52										
61			7		5					

