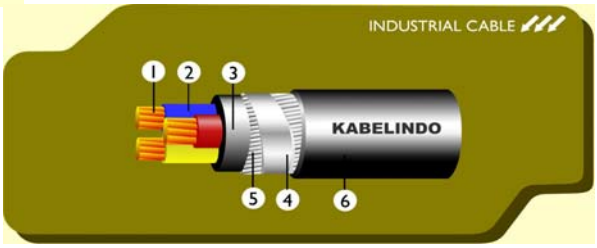
PT. KABELINDO MURNI Tbk

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

5 CORE

SIZE	No. Of Wire and shaped Of Conductor		Nominal Thickness			Approximately			Min. Bending Diameter	Std. Length per reel
			Insulation	Round & Flat Steel Wire	Outer Sheath	Inner Sheathed Diameter	Overall Diameter	Net. Weight		
(mm^2)	pcs	shape	(mm)	(mm)	(mm)	(mm)	(mm)	(kg / km)	(mm)	(m)
N2XRGbY										
1.5 (*	1	re	0.70	1.00	1.80	9.80	16.00	491	260	1.000
	7	rm				10.20	17.00	504		
2.5	1	re				10.80		576	280	
	7	rm				11.50	18.00	606	290	
4	1	re				12.10	19.00	696	300	
	7	rm				12.90		740	320	
6	1	re				13.40	20.00	842	330	
	7	rm				14.40	21.00	898	350	
N2XFGbY										
10	1	re	0.70	0.80	1.80	16.20	23.00	1.180	390	1.000
	7	rm				17.50	24.00	1.262	410	
16						20.60	27.00	1.717	490	
25			0.90		2.00	25.40	32.00	2.465	590	
35					2.10	28.60	36.00	3.114	660	
50	19		1.00		2.30	32.80	40.00	3.945	750	500
70 (*			1.10		2.50	38.60	47.00	5.360	870	

ELECTRICAL DATA

SIZE	Resistance at 20ºC		Conductor Short Circuit Current Capacity at :		
	Conductor DC.max.	Insulation Minimum	0.1 sec	0.5 sec	1.0 sec
(mm^2)	Ohm/km	M.Ohm.km	kA	kA	kA
1.5	12.1	1.170	0.72	0.34	0.26
2.5	7.41	980	1.18	0.56	0.41
4	4.60	820	1.87	0.87	0.64
6	3.08	700	2.79	1.29	0.93
10	1.83	560	4.62	2.12	1.53
16	1.15	402	7.35	3.36	2.41
25	0.727	409	11.45	5.21	3.73
35	0.524	353	16.00	7.26	5.18
50	0.387	334	22.82	10.32	7.36
70	0.268	309	31.90	14.41	10.26

Tabel Low Voltage XPEL Insulated Armoured Cable Hal 14.xls