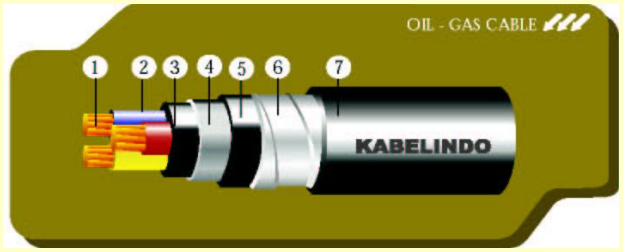
PT. KABELINDO MURNI Tbk

N2XKBY 0.6 /1 kV

(Copper Conductor, XPLE Insulated, Lead Sheathed, Steel Armour , PVC Sheated)



1. Conductor : Annealed Cop
2. Insulation : Extruded XLPI
3. Filler : Extruded PVC
4. Lead Sheath : Extruded Lea
5. Separator Sheath : Extruded PVC
6. Armour : Double Galvanized Steel
7. Sheath : Extruded PVC

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

Spec — Specification : IEC 60502

APL — Used for indoor and outdoor in petroleum and chemical plants and area in which ground water contains waste oils or chemicals (sulfides,etc)

Cu — Conductor Shape : rm = Circular Stranded
re = Solid round
sm = Sector Compacted

DIMENSIONAL DATA

4 CORES

SIZE	No. Of Wire and Shaped Of Conductor		Nominal Thickness				Approximately				Min. Bending Diameter	Std. Length Delivery
			Insulation	Outer Sheath	Lead Sheath	Steel Tape Armoured	Inner Sheath Diameter	Separation Sheath Diameter	Overall Diameter	Net. Weight		
mm²	pcs	shape	mm	mm	mm	mm	mm	mm	mm	kg / km	mm	m
1.5	1	re	0.70	1.80	1.50	0.20	8.20	13.90	19.00	1000	300	1000
	7	rm					8.50	14.20	19.00	1027	300	
2.5	1	re					9.00	14.70	19.00	1102	320	
	7	rm					9.60	15.20	20.00	1154	330	
4	1	re					10.20	15.90	20.00	1249	410	
	7	rm					10.60	16.60	21.00	1334	420	
6	1	re					11.30	17.00	22.00	1421	440	
	7	rm					12.20	17.90	23.00	1509	460	
10	1	re					13.20	18.80	23.00	1702	480	
	7	rm					14.20	19.90	25.00	1824	510	
16	1	re					15.50	20.80	26.00	2062	570	
	7	rm					16.50	22.20	28.00	2222	670	
25	7	rm	0.90	1.75			20.30	26.00	32.00	2909	730	
35	7	rm	0.90	2.05			22.90	28.50	35.00	3466	840	
50	19	rm	1.00	2.20		0.50	26.20	31.90	40.00	4556	980	500
	19	sm	1.00	2.00		0.20	22.50	28.20	34.00	3575	840	
70	19	rm	1.10	2.40		0.50	31.10	37.20	46.00	6110	980	
	19	sm	1.10	2.20		0.50	25.90	31.60	39.00	4872	850	
95	19	rm	1.10	2.55			35.30	41.90	51.00	7582	1100	300
	19	sm	1.10	2.30			29.30	35.30	43.00	6128	940	500
120	37	rm	1.20	2.70			39.70	46.70	56.00	9230	1220	300
	37	sm	1.20	2.45			33.50	39.90	48.00	7510	1060	
150	37	rm	1.40	2.90			44.00	51.50	61.00	11028	1340	250
	37	sm	1.40	2.60			36.20	42.90	52.00	8809	1130	300
185	37	rm	1.60	3.10			49.50	57.60	68.00	13508	1490	250
	37	sm	1.60	2.75			40.50	47.70	57.00	10725	1250	
240	61	rm	1.70	3.35			56.10	64.90	76.00	16969	1660	150
	37	sm	1.70	2.95			45.20	52.80	63.00	13297	1390	200
300	61	rm	1.80	3.65		0.80	61.90	71.40	48.00	21298	1830	150
	37	sm	1.80	3.15		0.50	50.1	58.3	69.00	16144	1520	

ELECTRICAL DATA

SIZE	DC Resistance at 20°C		Current Carrying Capacity at 30°C		Conductor Short Circuit Current Capacity at :		
	Conductor (Max.)	Insulation (Min.)	In Ground	In Air	0.1 Second	0.5 Second	1.0 Second
mm²	Ohm/km	M.ohm.km	A	A	kA	kA	kA

TABEL XPLE LOW VOLTAGE CABLE Hal 15.xls

1.5	12.1	1160	28	22	0.72	0.34	0.26
2.5	7.41	960	36	29	1.18	0.56	0.41
4	4.61	800	46	38	1.87	0.87	0.64
6	3.08	680	59	49	2.79	1.29	0.93
10	1.83	550	78	68	4.62	2.12	1.53
16	1.15	402	100	90	7.35	3.36	2.41
25	0.727	409	131	118	11.45	5.21	3.73
35	0.524	353	154	146	16	7.26	5.18
50	0.387	334	185	180	22.82	10.32	7.36
70	0.268	309	231	226	31.9	14.41	10.26
95	0.193	266	275	275	43.25	19.50	13.88
120	0.153	257	321	321	54.59	24.59	17.49
150	0.124	270	354	363	68.19	30.70	21.81
185	0.0991	275	399	417	84.06	37.82	26.86
240	0.0754	254	466	489	108.99	48.99	34.78
300	0.0601	241	524	562	136.17	61.18	43.41