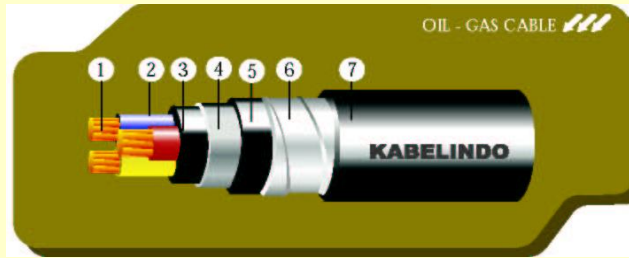


N2XKBY 0.6 /1 kV

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



- 1. Conductor : Annealed
- 2. Insulation : Extruded
- 3. Filler : Extruded
- 4. Lead Sheath : Extruded
- 5. Separator Sheath : Extruded
- 6. Armour : Double Galvanized
- 7. Sheath : Extruded

XPLE LOW VOLTAGE CABLE

TECHNICAL DATA

Spec Specification : IEC 60502

Cu Conductor Shape : rm = Circular Stranded
re = Solid round

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

DIMENSIONAL DATA

3 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								
mm ²	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	1000							
	7	rm					8.50	14.20	19.00	1027								
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	0.50	20.30			26.00	32.00	2909	730	500	
35	7	rm					0.90	2.05		22.90			28.50	35.00	3466	840		
50	19	rm	1.00	2.20	26.20	31.90	40.00	4556		980								
	19	sm	1.00	2.00	22.50	28.20	34.00	3575		840								
70	19	rm	1.10	2.40	31.10	37.20	46.00	6110		980								
	19	sm	1.10	2.20	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	300							
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	250							
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	61.90	71.40	88.00	21298	1830	150								
	37	sm	1.80	3.15	50.1	58.3	69.00	16144	1520	150								

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
mm ²	Ohm/km	M.ohm.km	A	A	kA	kA	kA
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