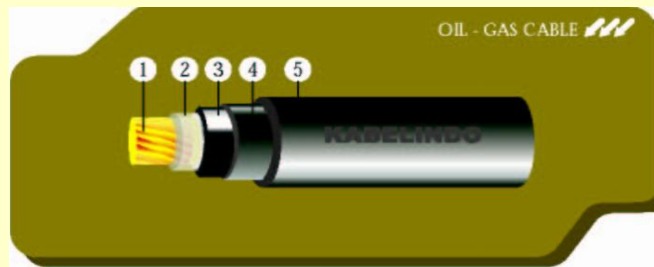


N2XKY 0.6 /1 kV

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



- 1. Conductor : Annealed Copper w
- 2. Insulation : Extruded XLPE
- 3. Filler : Extruded PVC
- 4. Lead Sheath : Extruded Lead Alloy
- 5. Sheath : Extruded PVC

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

5 CORES

SIZE	No. Of Wire and Shaped Of Conductor		Nominal Thickness			Approximately			Min. Bending Diameter	Std. Length Delivery
			Insulation	Outer Sheath	Lead Sheath	Inner Sheath Diameter	Overall Diameter	Net. Weight		
mm ²	pcs	shape	mm	mm	mm	mm	mm	kg / km	mm	m
1.5	1	re	0.70	1.80	1.50	9.80	17.00	941	270	500
	7	rm				10.20	18.00	965	280	
2.5	1	re				10.90	18.00	1073	290	
	7	rm				11.50	19.00	1126	310	
4	1	re				12.20	20.00	1241	320	
	7	rm				13.00	20.00	1314	340	
6	1	re				13.60	21.00	1451	350	
	7	rm				14.50	22.00	1538	370	
10	1	re				20.20	28.00	2487	480	
	7	rm				17.00	28.00	2487	480	
16	7	rm	20.20	28.00	2487	480				
25	7	rm	0.90	1.95	25.00	33.00	3390	580		
35	7	rm	0.90	2.10	1.55	28.60	37.00	4299	660	
50	19	rm	1.00	2.30	1.65	32.80	42.00	5459	750	

ELECTRICAL DATA

SIZE	DC Resistance at 20°C		Current Carrying Capacity at 30°C		Conductor Short Circuit Current Capacity at :		
	Conduct or (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	21	27	0.72	0.34	0.26
2.5	7.41	960	29	36	1.18	0.56	0.41
4	4.61	800	38	46	1.87	0.87	0.64
6	3.08	680	49	59	2.79	1.29	0.93
10	1.83	550	68	78	4.62	2.12	1.53
16	1.15	402	101	91	7.35	3.36	2.41
25	0.727	409	131	119	11.45	5.21	3.73
35	0.524	353	156	147	16	7.26	5.18
50	0.387	334	187	182	22.82	10.32	7.36