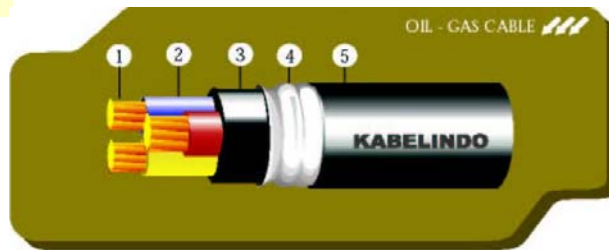


N2XMCY - 0.6 / 1 kV

Copper Conductor, XLPE Insulated, Aluminium Tape Corrugated Armoured, PVC Sheathed



- 1. Conductor : Annealed Copper wire
- 2. Insulation : Extruded XLPE
- 3. Filler : Extruded PVC
- 4. Armour : Corrugated Aluminium / Steel
- 5. Sheath : Extruded PVC

LOW VOLTAGE XPLE INSULATED ARMoured CABLE

TECHNICAL DATA

SPEC STD : Specification : IEC 502

APL : Application : Used for indoor or outdoor installation in duct or rack cable tray in hazardous area.

DIMENSIONAL DATA

4 CORES

SIZE	No. Of Wire and shaped Of Conductor		Nominal Thickness			Approximately			Min. Bending Diameter	Std. Length per reel
			Insulation	Al.Tape Corrugated Armour	Outer Sheath	Inner Sheathed Diameter	Overall Diameter	Net. Weight		
(mm ²)	pcs	shape	(mm)	(mm)	(mm)	(mm)	(mm)	(kg / km)	(mm)	(m)
25 (*)	7	rm	0.90	0.70	2.00	23.00	32.00	1.896	690	500
35				0.90	2.10	25.80	35.00	2.511	760	
50	19	sm	1.00	1.20	2.40	34.60	46.00	4.461	1.020	
70				0.90	2.20	30.00	40.00	3.763	900	
95				1.20	2.60	39.50	51.00	5.804	1.140	
				0.90	2.40	33.60	45.00	4.952	1.020	
120	37	sm	1.20	1.30	2.80	44.10	57.00	7.177	1.280	
				1.20	2.50	37.40	49.00	6.238	1.100	
150	37	sm	1.40	1.30	3.00	49.20	64.00	8.732	1.430	
				1.20	2.70	41.80	55.00	7.591	1.250	
185	37	sm	1.60	1.40	3.20	55.10	70.00	10.794	1.580	
				1.30	2.90	46.40	60.00	9.531	1.370	
240	61	sm	1.70	1.60	3.50	62.80	79.00	13.991	1.790	
				1.30	3.10	52.10	67.00	11.939	1.540	
300 (*)	61	sm	1.80	1.60	3.80	70.00	88.00	17.165	2.000	
				1.40	3.30	64.90	73.00	14.743	1.680	

ELECTRICAL DATA

SIZE	Resistance at 20°C		Conductor Short Circuit Current Capacity at :		
	Conductor	Insulation	0.1 sec	0.5 sec	1.0 sec
(mm ²)	Ohm/km	M.Ohm.km	kA	kA	kA
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
95	0.193	266	43.25	19.50	13.88
120	0.153	257	54.59	24.59	17.49
150	0.124	270	68.19	30.70	21.81
185	0.0991	275	84.06	37.82	26.86
240	0.0754	254	108.99	48.99	34.78
300	0.0601	241	136.17	61.18	43.41