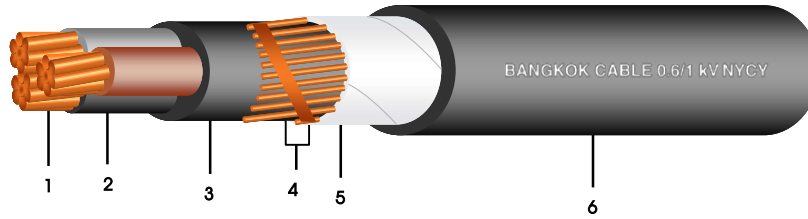


0.6/1 kV NYCY

3 CORES - PVC INSULATED AND DOUBLE SHEATHED, ROUND TYPE WITH CONCENTRIC CONDUCTOR



Construction

- 1. Conductor : Circular stranded annealed copper
- 2. Insulation : Polyvinyl chloride (PVC)
Colour code : Brown, Black, Grey
- 3. Inner covering : Polyvinyl chloride (PVC), Black colour
- 4. Concentric conductor : Copper wires with copper contact tape
- 5. Binding tape : Polyester tape
- 6. Outer sheath : Polyvinyl chloride (PVC), Black colour

Reference Standard :

IEC 60502-1

Classification

- Maximum conductor temperature : 70°C
- Rated voltage : 1,000 V
- AC test voltage : 3,500 V

Application

For installation exposed or in raceway, dry or wet location or direct burial in ground.

Conductor			Thickness of insulation	Thickness of inner covering	Diameter over inner covering	Concentric conductor		Thickness of outer sheath	Overall diameter	DC. conductor resistance at 20°C	Current rating in free air at 40°C ambient	Cable weight	Standard length
Cross-sectional area	No. of wires	Diameter				Cross-sectional area	No. & dia. of wires						
mm ²	(Min)	mm (Approx.)	mm (Nominal)	mm (Approx.)	mm (Approx.)	mm ²	No./mm	mm (Nominal)	mm (Approx.)	Ω/km (Max.)	A	kg/km (Approx.)	m/drum
1.5	7	1.59	0.8	1.0	10.0	1.5	21/0.30	1.8	14.5	12.1	17	270	500
2.5	7	2.01	0.8	1.0	11.0	2.5	20/0.40	1.8	16.0	7.41	22	340	500
4	7	2.55	1.0	1.0	13.0	4	20/0.50	1.8	18.0	4.61	30	460	500
6	7	3.12	1.0	1.0	14.0	6	18/0.66	1.8	19.5	3.08	38	590	500
10	7	3.98	1.0	1.0	16.0	10	20/0.80	1.8	22.0	1.83	50	810	500
16	7	5.01	1.0	1.0	18.5	16	32/0.80	1.8	24.5	1.15	65	1,120	500
25	7	6.33	1.2	1.0	22.0	16	32/0.80	1.8	28.0	0.727	90	1,540	500
35	7	7.60	1.2	1.0	25.0	16	32/0.80	1.8	31.0	0.524	110	1,930	500
50	19	8.83	1.4	1.0	28.5	25	50/0.80	1.9	34.5	0.387	135	2,560	500
70	19	10.58	1.4	1.2	32.5	35	70/0.80	2.1	39.5	0.268	165	3,520	400
95	19	12.50	1.6	1.2	37.5	50	69/0.96	2.2	45.0	0.193	205	4,740	400
120	37	14.07	1.6	1.2	41.0	70	72/1.11	2.3	49.0	0.153	240	5,850	300
150	37	15.51	1.8	1.4	46.0	70	72/1.11	2.5	54.0	0.124	275	7,070	250
150	37	15.51	1.8	1.4	46.0	95	68/1.33	2.5	54.5	0.124	275	7,320	250
185	37	17.50	2.0	1.4	50.5	95	68/1.33	2.7	60.0	0.0991	315	8,820	200
240	37	20.07	2.2	1.6	58.0	120	67/1.51	2.9	68.0	0.0754	370	11,430	150
300	61	22.50	2.4	1.6	64.0	150	68/1.67	3.1	74.5	0.0601	425	14,090	100
400	61	25.38	2.6	1.8	71.5	185	48/2.21	3.4	84.5	0.0470	490	17,880	100
400	61	25.38	2.6	1.8	71.5	240	50/2.47	3.4	85.0	0.0470	490	18,430	100