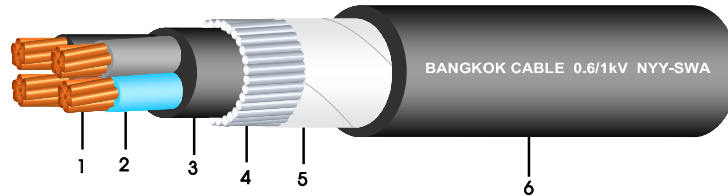


0.6/1 kV NYY-SWA

4 CORES - PVC INSULATED AND DOUBLE SHEATHED, ROUND TYPE WITH ARMOUR



Construction

- 1. Conductor : Solid or circular stranded annealed copper
- 2. Insulation : Polyvinyl chloride (PVC)
Colour code : Light Blue, Brown, Black, Grey
- 3. Inner covering : Polyvinyl chloride (PVC), Black colour
- 4. Armour : Galvanized steel wires
- 5. Binding tape : Polyester tape and/or Spunbond tape
- 6. Outer sheath : Polyvinyl chloride (PVC), Black colour

Reference Standard :

IEC 60502-1

Classification

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

Application

For installation in underground or direct burial in ground.

Cross-sectional area mm ²	Conductor		Thickness of insulation mm (Nominal)	Thickness of inner covering mm (Approx.)	Diameter under armour mm (Approx.)	Diameter of wire armour mm (Nominal)	Thickness of outer sheath mm (Nominal)	Overall diameter mm (Approx.)	DC conductor resistance at 20°C Ω/km (Max.)	Current rating in free air at 40°C ambient A	Cable weight kg/km (Approx.)	Standard length m/drum
	No. of wires (Min.)	Diameter mm (Approx.)										
1.5	1	1.36	0.8	1.0	10.0	0.8	1.8	16.0	12.1	17	470	500
1.5	7	1.53	0.8	1.0	10.5	0.8	1.8	16.5	12.1	17	490	500
2.5	1	1.75	0.8	1.0	11.0	1.3	1.8	18.0	7.41	23	660	500
2.5	7	1.98	0.8	1.0	11.5	1.3	1.8	18.5	7.41	23	700	500
4	1	2.21	1.0	1.0	13.5	1.3	1.8	20.0	4.61	31	850	500
4	7	2.49	1.0	1.0	14.0	1.3	1.8	21.0	4.61	31	900	500
6	7	3.09	1.0	1.0	15.5	1.3	1.8	22.5	3.08	39	1,060	500
10	7	3.99	1.0	1.0	17.5	1.6	1.8	25.5	1.83	54	1,490	500
16	7	5.01	1.0	1.0	20.0	1.6	1.8	28.0	1.15	72	1,890	500
25	7	6.30	1.2	1.0	24.5	1.6	1.9	32.5	0.727	95	2,590	500
35	7	7.55	1.2	1.0	27.5	1.6	2.0	35.5	0.524	115	3,220	500
50	19	8.75	1.4	1.2	32.0	2.0	2.1	41.0	0.387	140	4,400	400
70	19	10.50	1.4	1.2	36.0	2.0	2.3	46.0	0.268	175	5,640	400
95	19	12.35	1.6	1.2	42.0	2.5	2.5	53.0	0.193	215	7,750	300
120	37	13.93	1.6	1.4	46.0	2.5	2.6	57.5	0.153	250	9,220	250
150	37	15.47	1.8	1.4	51.0	2.5	2.7	62.5	0.124	285	10,950	200
185	37	17.29	2.0	1.6	57.0	2.5	2.9	69.0	0.0991	325	13,300	150
240	37	19.89	2.2	1.6	64.5	2.5	3.1	77.0	0.0754	380	16,660	100
300	61	22.23	2.4	1.6	71.0	3.2	3.4	85.5	0.0601	430	21,120	100
400	61	25.20	2.6	1.8	80.0	3.2	3.7	95.0	0.0470	485	26,170	100