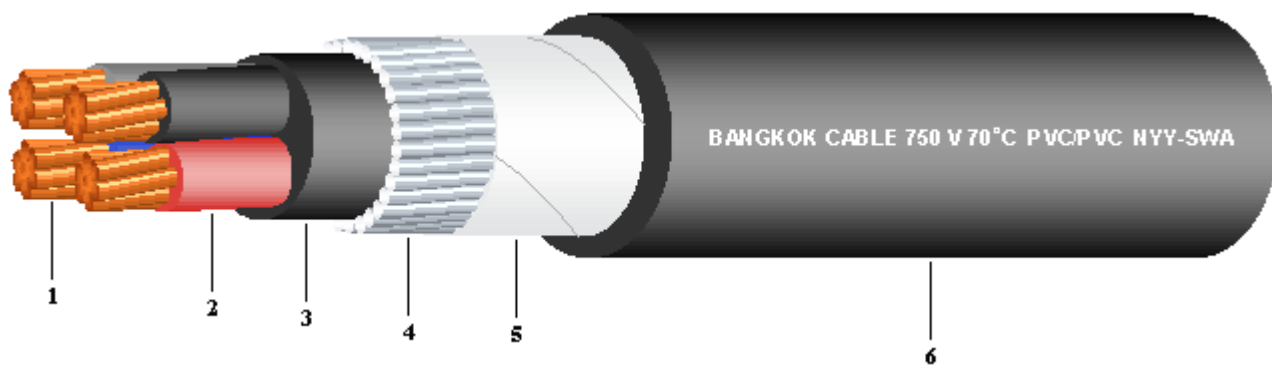


750V 70°C NYY-SWA

TIS 11-2531 (4 CORE)



Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Gray, Black, Red and Blue color
3. Inner Sheath : Polyvinyl chloride (PVC), Black color
4. Armour : Galvanized steel wire
5. Binding tape : Cotton tape / Spunbond tape
6. Outer Sheath : Polyvinyl chloride (PVC), Black color

Application :

For installation in underground or direct burial in ground.

Conductor		Thickness of insulation	Thickness of inner Sheath	Diameter of steel wire armour	Thickness of outer Sheath	Overall diameter (Approx.)	Current rating in ground	Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
Nominal cross-sectional area sq.mm	No. & dia. of wires No./mm									
1	1/1.13	0.8	0.8	0.80	1.8	15.8	17	0.0141	385	500/D
1	7/0.40	0.8	0.8	0.80	1.8	16.0	17	0.0135	390	500/D
1.5	1/1.38	0.8	0.8	0.80	1.8	16.5	21	0.0123	430	500/D
1.5	7/0.50	0.8	0.8	0.80	1.8	16.8	21	0.0116	440	500/D
2.5	1/1.78	0.8	0.8	0.80	1.8	17.6	29	0.0102	515	500/D
2.5	7/0.67	0.8	0.8	1.25	1.8	19.2	29	0.0093	670	500/D
4	1/2.25	0.9	0.8	1.25	1.8	20.4	37	0.0094	780	500/D
4	7/0.85	0.9	0.8	1.25	1.8	21.1	37	0.0085	830	500/D
6	7/1.04	0.9	0.8	1.25	1.8	22.7	47	0.0073	1000	500/D
10	7/1.35	1.1	0.8	1.60	2.0	27.4	64	0.0069	1540	500/D
16	7/1.70	1.1	1.2	1.60	2.0	31.1	80	0.0057	2060	500/D
25	7/2.14	1.3	1.2	2.00	2.0	36.6	105	0.0054	3045	500/D
35	19/1.53	1.3	1.5	2.00	2.2	40.9	124	0.0047	3800	500/D
50	19/1.78	1.5	1.5	2.00	2.2	45.3	148	0.0046	4755	500/D
70	19/2.14	1.5	1.5	2.50	2.4	51.6	182	0.0039	6545	200/D
95	19/2.52	1.7	1.8	2.50	2.6	58.9	216	0.0038	8525	200/D
120	37/2.03	1.7	1.8	2.50	2.8	63.6	248	0.0034	10090	150/D
150	37/2.25	1.9	2.0	2.50	3.0	69.6	277	0.0034	12030	150/D
185	37/2.52	2.1	2.0	2.50	3.2	76.2	313	0.0034	14490	150/D
240	61/2.25	2.3	2.2	3.15	3.4	86.5	363	0.0033	19175	150/D
300	61/2.52	2.5	2.2	3.15	3.8	94.9	408	0.0032	23170	150/D