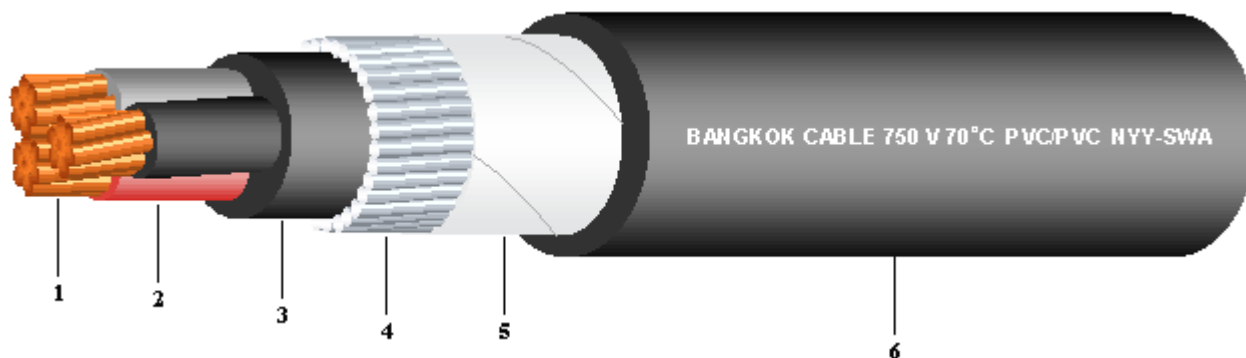


750V 70°C NYY-SWA

TIS 11-2531 (3 CORE)



Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Gray, Black and Red 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	15.1	19	0.0141	345	500/D
1	7/0.40	0.8	0.8	0.80	1.8	15.2	19	0.0135	350	500/D
1.5	1/1.38	0.8	0.8	0.80	1.8	15.7	25	0.0123	380	500/D
1.5	7/0.50	0.8	0.8	0.80	1.8	15.9	25	0.0116	390	500/D
2.5	1/1.78	0.8	0.8	0.80	1.8	16.6	32	0.0102	450	500/D
2.5	7/0.67	0.8	0.8	0.80	1.8	17.2	32	0.0093	475	500/D
4	1/2.25	0.9	0.8	1.25	1.8	19.2	41	0.0094	685	500/D
4	7/0.85	0.9	0.8	1.25	1.8	19.9	41	0.0085	720	500/D
6	7/1.04	0.9	0.8	1.25	1.8	21.3	53	0.0073	855	500/D
10	7/1.35	1.1	0.8	1.60	1.8	25.2	71	0.0069	1295	500/D
16	7/1.70	1.1	1.2	1.60	2.0	29.0	90	0.0057	1740	500/D
25	7/2.14	1.3	1.2	2.00	2.0	34.0	117	0.0054	2555	500/D
35	19/1.53	1.3	1.2	2.00	2.0	36.9	143	0.0047	3080	500/D
50	19/1.78	1.5	1.5	2.00	2.2	41.9	167	0.0046	3950	300/D
70	19/2.14	1.5	1.5	2.00	2.2	46.2	205	0.0039	4995	300/D
95	19/2.52	1.7	1.5	2.50	2.4	53.2	248	0.0038	6875	200/D
120	37/2.03	1.7	1.8	2.50	2.6	58.1	280	0.0034	8205	200/D
150	37/2.25	1.9	1.8	2.50	2.8	63.2	314	0.0034	9685	150/D
185	37/2.52	2.1	2.0	2.50	3.0	69.5	355	0.0034	11810	150/D
240	61/2.25	2.3	2.0	2.50	3.2	77.1	408	0.0033	13380	150/D
300	61/2.52	2.5	2.2	3.15	3.4	86.1	501	0.0032	18342	150/D