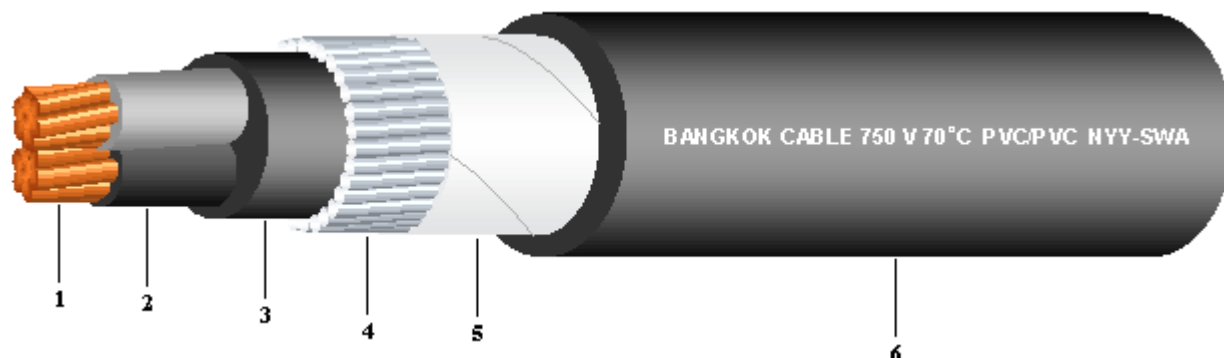


750V 70°C NYY-SWA

TIS 11-2531 (2 CORE)



Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Gray and Black 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	14.6	23	0.0141	316	500/D
1	7/0.40	0.8	0.8	0.80	1.8	14.7	23	0.0135	322	500/D
1.5	1/1.38	0.8	0.8	0.80	1.8	15.1	29	0.0123	347	500/D
1.5	7/0.50	0.8	0.8	0.80	1.8	15.4	29	0.0116	357	500/D
2.5	1/1.78	0.8	0.8	0.80	1.8	16.0	37	0.0102	401	500/D
2.5	7/0.67	0.8	0.8	0.80	1.8	16.5	37	0.0093	425	500/D
4	1/2.25	0.9	0.8	0.80	1.8	17.5	50	0.0094	496	500/D
4	7/0.85	0.9	0.8	1.25	1.8	19.1	50	0.0085	654	500/D
6	7/1.04	0.9	0.8	1.25	1.8	20.4	63	0.0073	752	500/D
10	7/1.35	1.1	0.8	1.25	1.8	23.3	85	0.0069	1010	500/D
16	7/1.70	1.1	0.8	1.60	2.0	26.8	110	0.0057	1429	500/D
25	7/2.14	1.3	1.2	2.00	2.0	32.4	140	0.0054	2198	500/D
35	19/1.53	1.3	1.2	2.00	2.0	35.1	171	0.0047	2624	500/D
50	19/1.78	1.5	1.2	2.00	2.2	39.2	201	0.0046	3247	500/D
70	19/2.14	1.5	1.5	2.00	2.2	43.8	245	0.0039	4119	300/D
95	19/2.52	1.7	1.5	2.50	2.2	49.9	297	0.0038	5647	300/D
120	37/2.03	1.7	1.5	2.50	2.4	53.9	340	0.0034	6610	200/D
150	37/2.25	1.9	1.8	2.50	2.6	59.3	380	0.0034	7855	200/D
185	37/2.52	2.1	1.8	2.50	2.8	64.8	427	0.0034	9386	150/D
240	61/2.25	2.3	2.0	2.50	3.0	72.3	492	0.0033	11665	150/D
300	61/2.52	2.5	2.0	3.15	3.2	80.4	554	0.0032	14898	150/D