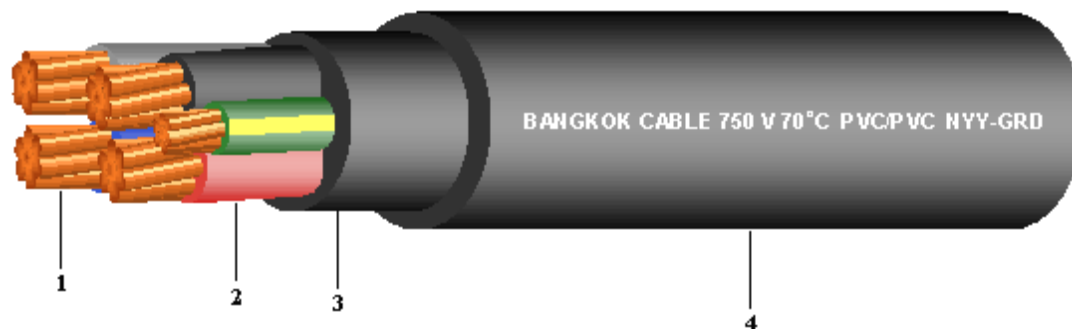


750V 70°C NYY-GRD

TIS 11-2531, TABLE 14 (4 CORE)



Construction :

1. Conductor : Solid or concentric stranded annealed copper wires
2. Insulation : Polyvinyl chloride (PVC)
Identification : Phase - Gray, Black, Red and Blue color
Ground - Green/Yellow color
3. Inner Sheath : Polyvinyl chloride (PVC), Black color
4. Outer Sheath : Polyvinyl chloride (PVC), Black color

Application :

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

Phase conductor			Ground conductor			Thickness of inner Sheath	Thickness of outer Sheath	Overall diameter	Current rating		Minimum insulation resistance (at 70°C)	Cable weight (Approx.)	Standard Length
Nominal cross-sectional area sq.mm	No. & dia. of wires No./m	Thickness of insulation mm	Nominal cross-sectional area sq.mm	No. & dia. of wires No./m	Thickness of insulation mm				in air	in ground			
1	1/1.13	0.8	1	1/1.13	0.6	0.8	1.8	14.0	12	17	0.0141	230	500/D
1	7/0.40	0.8	1	7/0.40	0.6	0.8	1.8	14.5	12	17	0.0135	230	500/D
1.5	1/1.38	0.8	1	1/1.13	0.6	0.8	1.8	15.0	16	22	0.0123	260	500/D
1.5	7/0.50	0.8	1	7/0.40	0.6	0.8	1.8	15.5	16	22	0.0116	260	500/D
2.5	1/1.78	0.8	1.5	1/1.38	0.6	0.8	1.8	16.0	21	29	0.0102	330	500/D
2.5	7/0.67	0.8	1.5	7/0.50	0.6	0.8	1.8	17.0	21	29	0.0093	330	500/D
4	1/2.25	0.9	2.5	1/1.78	0.6	0.8	1.8	18.0	27	37	0.0094	440	500/D
4	7/0.85	0.9	2.5	7/0.67	0.6	0.8	1.8	19.0	27	37	0.0085	440	500/D
6	7/1.04	0.9	4	7/0.85	0.6	0.8	1.8	20.5	36	48	0.0073	600	500/D
10	7/1.35	1.1	4	7/0.85	0.6	0.8	2.0	25.0	48	63	0.0069	880	500/D
16	7/1.70	1.1	6	7/1.04	0.6	1.2	2.0	28.5	62	79	0.0057	1260	500/D
25	7/2.14	1.3	6	7/1.04	0.6	1.2	2.0	33.5	82	103	0.0054	1790	500/D
35	19/1.53	1.3	10	7/1.35	0.6	1.5	2.2	38.5	100	123	0.0047	2390	500/D
50	19/1.78	1.5	10	7/1.35	0.6	1.5	2.2	43.0	120	147	0.0046	3180	500/D
70	19/2.14	1.5	10	7/1.35	0.6	1.5	2.4	44.5	150	179	0.0039	4060	500/D
95	19/2.52	1.7	16	7/1.70	0.6	1.8	2.6	51.5	185	214	0.0038	5550	300/D
120	37/2.03	1.7	16	7/1.70	0.6	1.8	2.8	56.0	216	244	0.0034	6770	300/D
150	37/2.25	1.9	25	7/2.14	0.6	2.0	3.0	62.0	245	272	0.0034	8340	300/D
185	37/2.52	2.1	25	7/2.14	0.6	2.0	3.2	68.0	285	309	0.0034	10240	200/D
240	61/2.25	2.3	35	19/1.53	0.6	2.2	3.4	76.5	340	355	0.0033	13230	200/D
300	61/2.52	2.5	35	19/1.53	0.6	2.2	3.8	84.5	390	404	0.0032	16280	200/D