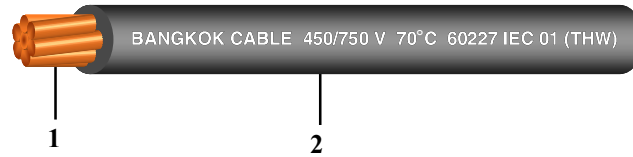


# 450/750 V 70°C 60227 IEC 01 (THW)

SINGLE-CORE NON-SHEATHED CABLE WITH RIGID CONDUCTOR



## Construction

1. Conductor : Solid or circular stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)  
Black, Blue, Brown, Grey, Green/Yellow  
or other colours

## Standard :

TIS 11 Part 3-2553



## Classification

- Maximum conductor temperature : 70°C  
Rated voltage : 450/750 V  
AC test voltage : 2,500 V

## Application

- Use for general purpose
- For installation in raceway and shall be protected water into raceway
- Do not install in duct in ground or direct burial in ground

Products code	Conductor			Thickness of insulation mm	Overall diameter		Insulation resistance at 70°C MΩ.km (Min.)	Current rating in free air A	Cable weight kg/km (Approx.)	Standard length m
	Cross-sectional area mm <sup>2</sup>	No. of wires (Min.)	Diameter mm (Approx.)		Lower limit mm	Upper limit mm				
C6KY013V1012	1.5	1	1.36	0.7	2.6	3.2	0.011	21	19	100/C
C6KY013V4012	1.5	7	1.59	0.7	2.7	3.3	0.010	21	22	100/C
C6KY014V1012	2.5	1	1.75	0.8	3.2	3.9	0.010	29	30	100/C
C6KY014V4012	2.5	7	2.01	0.8	3.3	4.0	0.009	29	34	100/C
C6KY015V1012	4	1	2.21	0.8	3.6	4.4	0.0085	37	45	100/C
C6KY015V2012	4	7	2.55	0.8	3.8	4.6	0.0077	37	50	100/C
C6KY016V1012	6	1	2.70	0.8	4.1	5.0	0.0070	48	70	100/C
C6KY016V2012	6	7	3.12	0.8	4.3	5.2	0.0065	48	72	100/C
C6KY017V1012	10	1	3.50	1.0	5.3	6.4	0.0070	67	116	100/C
C6KY017V2012	10	7	3.98	1.0	5.6	6.7	0.0065	67	120	100/C
C6KY018V2012	16	7	5.01	1.0	6.4	7.8	0.0050	92	172	100/C
C6KY019V2012	25	7	6.33	1.2	8.1	9.7	0.0050	127	275	100/C
C6KY010W2012	35	7	7.60	1.2	9.0	10.9	0.0043	157	379	100/C
C6KY011W2011	50	19	8.83	1.4	10.6	12.8	0.0043	191	502	500/D
C6KY012W2011	70	19	10.58	1.4	12.1	14.6	0.0035	244	693	500/D
C6KY013W2011	95	19	12.50	1.6	14.1	17.1	0.0035	297	963	500/D
C6KY014W2011	120	37	14.07	1.6	15.6	18.8	0.0032	345	1,220	500/D
C6KY015W2011	150	37	15.61	1.8	17.3	20.9	0.0032	397	1,510	500/D
C6KY016W2011	185	37	17.50	2.0	19.3	23.3	0.0032	453	1,880	500/D
C6KY017W2011	240	37	20.07	2.2	22.0	26.6	0.0032	535	2,470	500/D
C6KY018W2011	300	61	22.50	2.4	24.5	29.6	0.0030	617	3,080	500/D
C6KY019W2011	400	61	25.38	2.6	27.5	33.2	0.0028	741	3,930	300/D

C = Packing in coil

D = Packing in drum