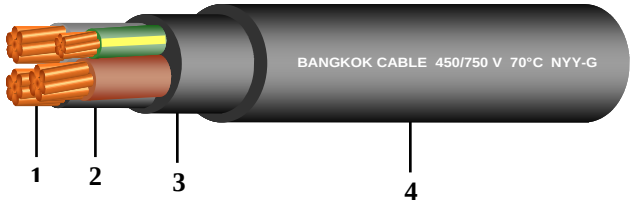
450/750 V 70°C NYY-G

3 CORES - PVC INSULATED AND DOUBLE SHEATHED CABLE, ROUND TYPE WITH GROUND



Construction

1. Conductor : Circularc stranded annealed copper
2. Insulation : Polyvinyl chloride (PVC)
   Colour code : Phase - Brown, Black, Grey
   : Ground - Green/Yellow
3. Inner sheath : Polyvinyl chloride (PVC), Black colour
4. Outer sheath : Polyvinyl chloride (PVC), Black colour

Reference Standard :

TIS 11 Part 101-2553

Classification

Maximum conductor temperature : 70°C

Rated voltage : 450/750 V

AC test voltage : 2,500 V

Application

- Use for general purpose
- laid on cable trays/Cable ladder
- Install in duct in ground or direct burial in ground

Products code	Conductor						Thickness of insulation		Thickness of inner sheath	Thickness of outer sheath	Overall diameter	Insulation resistance at 70°C	Current rating		Cable weight	Standard length
	Cross-sectional area		No. of wire		Diameter								on cable ladder	direct burial in ground		
	mm^2		(Min.)		mm (Approx.)		mm		mm (Approx.)	mm	mm (Approx.)	MΩ.km (Min.)	A	A	kg/km (Approx.)	m/drum
	Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground								
C6M0038X2011	25	16	7	7	6.30	5.01	1.3	1.1	1.2	2.0	30.5	0.0054	88	128	1,620	500/D
C6M0039X2011	35	16	7	7	7.55	5.01	1.3	1.1	1.2	2.0	33.0	0.0047	110	154	1,990	500/D
C6M0030Y2011	50	25	19	7	8.75	6.30	1.5	1.3	1.5	2.2	38.5	0.0046	133	181	2,730	500/D
C6M0031Y2011	70	35	19	7	10.50	7.55	1.5	1.3	1.5	2.2	42.5	0.0039	171	223	3,630	500/D
C6M0032Y2011	95	50	19	19	12.35	8.75	1.7	1.5	1.5	2.4	48.5	0.0038	207	267	4,870	500/D
C6M0033Y2011	120	70	37	19	13.93	10.50	1.7	1.5	1.8	2.6	53.5	0.0034	240	304	6,120	300/D
C6M0034Y2011	150	95	37	19	15.47	12.35	1.9	1.7	1.8	2.8	59.0	0.0034	278	342	7,610	300/D
C6M0035Y2011	185	95	37	19	17.29	12.35	2.1	1.7	2.0	3.0	64.5	0.0034	317	386	9,130	300/D
C6M0036Y2011	240	120	37	37	19.89	13.93	2.3	1.7	2.0	3.2	72.0	0.0033	374	448	11,660	200/D
C6M0037Y2011	300	150	61	37	22.23	15.47	2.5	1.9	2.2	3.4	79.5	0.0032	432	507	14,410	200/D