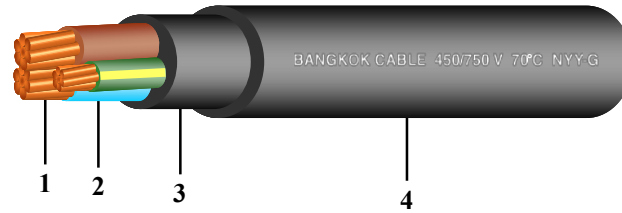


450/750 V 70°C NYY-G

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



Construction

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

Standard :

TIS 11 Part 101-2559



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		
	Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground	mm	mm	mm	MΩ.km	A	A	kg/km	m/drum
C6M0021X1012	1	1	1	1	1.11	1.11	0.8	0.8	0.8	1.8	13.0	0.0141	13	21	180	100/C
C6M0021X4012	1	1	7	7	1.29	1.29	0.8	0.8	0.8	1.8	13.5	0.0135	13	21	190	100/C
C6M0022X1012	1.5	1.5	1	1	1.36	1.36	0.8	0.8	0.8	1.8	13.5	0.0123	16	26	210	100/C
C6M0022X4012	1.5	1.5	7	7	1.59	1.59	0.8	0.8	0.8	1.8	14.0	0.0116	16	26	220	100/C
C6M0023X1012	2.5	2.5	1	1	1.75	1.75	0.8	0.8	0.8	1.8	14.5	0.0102	22	35	250	100/C
C6M0023X4012	2.5	2.5	7	7	2.01	2.01	0.8	0.8	0.8	1.8	15.0	0.0093	22	35	270	100/C
C6M0024X1012	4	4	1	1	2.21	2.21	0.9	0.9	0.8	1.8	16.0	0.0094	30	45	330	100/C
C6LM024X2012	4	4	7	7	2.55	2.55	0.9	0.9	0.8	1.8	16.5	0.0085	30	45	360	100/C
C6M0025X2012	6	6	7	7	3.12	3.12	0.9	0.9	0.8	1.8	18.0	0.0073	37	57	450	100/C
C6LM026X2011	10	10	7	7	3.98	3.98	1.1	1.1	0.8	1.8	21.0	0.0069	52	76	670	500/D
C6M0027X2011	16	16	7	7	5.01	5.01	1.1	1.1	0.8	2.0	23.5	0.0057	70	99	930	500/D
C6M0028X2011	25	16	7	7	6.33	5.01	1.3	1.1	1.2	2.0	28.0	0.0054	88	128	1,280	500/D
C6M0029X2011	35	16	7	7	7.60	5.01	1.3	1.1	1.2	2.0	30.0	0.0047	110	154	1,550	500/D
C6M0020Y2011	50	25	19	7	8.83	6.33	1.5	1.3	1.2	2.2	34.0	0.0046	133	181	2,080	500/D
C6M0021Y2011	70	35	19	7	10.58	7.60	1.5	1.3	1.5	2.2	38.5	0.0039	171	223	2,810	500/D
C6M0022Y2011	95	50	19	19	12.50	8.83	1.7	1.5	1.5	2.2	43.5	0.0038	207	267	3,710	500/D
C6M0023Y2011	120	70	37	19	14.07	10.58	1.7	1.5	1.5	2.4	47.5	0.0034	240	304	4,620	300/D
C6M0024Y2011	150	95	37	19	15.61	12.50	1.9	1.7	1.8	2.6	53.0	0.0034	278	342	5,840	300/D
C6M0025Y2011	185	95	37	19	17.50	12.50	2.1	1.7	1.8	2.8	57.5	0.0034	317	386	6,910	300/D
C6M0026Y2011	240	120	37	37	20.07	14.07	2.3	1.7	2.0	3.0	64.5	0.0033	374	448	8,860	200/D
C6M0027Y2011	300	150	61	37	22.50	15.61	2.5	1.9	2.0	3.2	71.0	0.0032	432	507	10,880	200/D

D = Packing in drum

450/750 V 70°C NYY-G

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



Construction

- 1. Conductor : Solid or circular 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

Standard :

TIS 11 Part 101-2559



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		
	Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground	mm	mm	mm	MΩ.km (Min.)	A	A	kg/km (Approx.)	m/drum
C6M0031X1012	1	1	1	1	1.11	1.11	0.8	0.8	0.8	1.8	13.5	0.0141	13	21	210	100/C
C6M0031X4012	1	1	7	7	1.29	1.29	0.8	0.8	0.8	1.8	14.0	0.0135	13	21	220	100/C
C6M0032X1012	1.5	1.5	1	1	1.36	1.36	0.8	0.8	0.8	1.8	14.0	0.0123	16	26	240	100/C
C6M0032X4012	1.5	1.5	7	7	1.59	1.59	0.8	0.8	0.8	1.8	15.0	0.0116	16	26	250	100/C
C6M0033X1012	2.5	2.5	1	1	1.75	1.75	0.8	0.8	0.8	1.8	15.5	0.0102	22	35	300	100/C
C6M0033X4012	2.5	2.5	7	7	2.01	2.01	0.8	0.8	0.8	1.8	16.0	0.0093	22	35	320	100/C
C6M0034X1012	4	4	1	1	2.21	2.21	0.9	0.9	0.8	1.8	17.0	0.0094	30	45	400	100/C
C6LM034X2012	4	4	7	7	2.55	2.55	0.9	0.9	0.8	1.8	18.0	0.0085	30	45	430	100/C
C6M0035X2012	6	6	7	7	3.12	3.12	0.9	0.9	0.8	1.8	19.0	0.0073	37	57	550	100/C
C6LM036X2011	10	10	7	7	3.98	3.98	1.1	1.1	0.8	1.8	22.5	0.0069	52	76	820	500/D
C6M0037X2011	16	16	7	7	5.01	5.01	1.1	1.1	1.2	2.0	26.5	0.0057	70	99	1,200	500/D
C6M0038X2011	25	16	7	7	6.33	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	7.60	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	8.83	6.33	1.5	1.3	1.5	2.2	38.5	0.0046	133	181	2,730	500/D
C6M0031Y2011	70	35	19	7	10.58	7.60	1.5	1.3	1.5	2.2	42.5	0.0039	171	223	3,630	500/D
C6M0032Y2011	95	50	19	19	12.50	8.83	1.7	1.5	1.5	2.4	48.5	0.0038	207	267	4,870	500/D
C6M0033Y2011	120	70	37	19	14.07	10.58	1.7	1.5	1.8	2.6	53.5	0.0034	240	304	6,120	300/D
C6M0034Y2011	150	95	37	19	15.61	12.50	1.9	1.7	1.8	2.8	59.0	0.0034	278	342	7,610	300/D
C6M0035Y2011	185	95	37	19	17.50	12.50	2.1	1.7	2.0	3.0	64.5	0.0034	317	386	9,130	300/D
C6M0036Y2011	240	120	37	37	20.07	14.07	2.3	1.7	2.0	3.2	72.0	0.0033	374	448	11,660	200/D
C6M0037Y2011	300	150	61	37	22.50	15.61	2.5	1.9	2.2	3.4	79.5	0.0032	432	507	14,410	200/D

D = Packing in drum

450/750 V 70°C NYY-G

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



Construction

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

Standard :

TIS 11 Part 101-2559



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		Phase	Ground					on cable ladder	direct burial in ground		
	mm ²		(Min.)		(Approx.)											
Phase	Ground	Phase	Ground	Phase	Ground	Phase	Ground	(Approx.)	mm	mm	(Min.)	A	A	(Approx.)		
C6M0041X1012	1	1	1	1	1.11	1.11	0.8	0.8	0.8	1.8	14.5	0.0141	13	21	240	100/C
C6M0041X4012	1	1	7	7	1.29	1.29	0.8	0.8	0.8	1.8	15.0	0.0135	13	21	250	100/C
C6M0042X1012	1.5	1.5	1	1	1.36	1.36	0.8	0.8	0.8	1.8	15.0	0.0123	16	26	280	100/C
C6M0042X4012	1.5	1.5	7	7	1.59	1.59	0.8	0.8	0.8	1.8	16.0	0.0116	16	26	290	100/C
C6M0043X1012	2.5	2.5	1	1	1.75	1.75	0.8	0.8	0.8	1.8	16.5	0.0102	22	35	350	100/C
C6M0043X4012	2.5	2.5	7	7	2.01	2.01	0.8	0.8	0.8	1.8	17.0	0.0093	22	35	370	100/C
C6M0044X1012	4	4	1	1	2.21	2.21	0.9	0.9	0.8	1.8	18.0	0.0094	30	45	470	100/C
C6LM044X2012	4	4	7	7	2.55	2.55	0.9	0.9	0.8	1.8	19.0	0.0085	30	45	500	100/C
C6M0045X2012	6	6	7	7	3.12	3.12	0.9	0.9	0.8	1.8	20.5	0.0073	37	57	660	500/D
C6LM046X2011	10	10	7	7	3.98	3.98	1.1	1.1	0.8	2.0	25.0	0.0069	52	76	1,010	500/D
C6M0047X2011	16	16	7	7	5.01	5.01	1.1	1.1	1.2	2.0	28.5	0.0057	70	99	1,450	500/D
C6M0048X2011	25	16	7	7	6.33	5.01	1.3	1.1	1.2	2.0	34.0	0.0054	88	128	1,990	500/D
C6M0049X2011	35	16	7	7	7.60	5.01	1.3	1.1	1.5	2.2	39.0	0.0047	110	154	2,570	500/D
C6M0040Y2011	50	25	19	7	8.83	6.33	1.5	1.3	1.5	2.2	43.5	0.0046	133	181	3,390	500/D
C6M0041Y2011	70	35	19	7	10.58	7.60	1.5	1.3	1.5	2.4	49.0	0.0039	171	223	4,570	500/D
C6M0042Y2011	95	50	19	19	12.50	8.83	1.7	1.5	1.8	2.6	56.5	0.0038	207	267	6,230	300/D
C6M0043Y2011	120	70	37	19	14.07	10.58	1.7	1.5	1.8	2.8	61.5	0.0034	240	304	7,700	300/D
C6M0044Y2011	150	95	37	19	15.61	12.50	1.9	1.7	2.0	3.0	68.0	0.0034	278	342	9,610	300/D
C6M0045Y2011	185	95	37	19	17.50	12.50	2.1	1.7	2.0	3.2	75.0	0.0034	317	386	11,530	200/D
C6M0046Y2011	240	120	37	37	20.07	14.07	2.3	1.7	2.2	3.4	84.5	0.0033	374	448	14,840	200/D
C6M0047Y2011	300	150	61	37	22.50	15.61	2.5	1.9	2.2	3.8	93.5	0.0032	432	507	18,340	150/D

D = Packing in drum